F.B. 2403 P.G. 5

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From
To
Date 4 & 5, 1956
Indexed
DESCRIPTION AND REMARKS APR 2

Chief of Party C. E. DREIER
Weather
Inst. No.
Notes by
Time
Rod No. 11 & 12

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals

JOB No. 0301.02

L.A. Co. PRECISE LEVEL NET

RERUN OF PORTIONS OF LINES No. 31, 1, 10, AND 11

CONTINUED FROM F.B. 2402
CONTINUED IN F.B. 2404

DREIER
MOODY
OHASHI
MELENDEZ
DOVER

Microfilmed March '86

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No.
Notes by Time Rod No.

Name L. A. CO. PRECISE LEVEL NET
Job No 2301.02
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2303 P.G. 6

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No 50010
Notes by G. E. DREIER Time 9:30 TO 11:10 Rod No 11612

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 31-15 To B.M. 31-16
Date 4-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.211		192		#11	4.465		186		B.M. 31-15
	7.019		188			4.279		186		MONTERY PASS RD. 0.75 M. N.E. of
	6.831		380			4093		372		FLORAL DR.
1	21.061	7.020		380	63°	12.837	4.279		372	SEE F.B. 1397-19 FOR DESC.
	6.633		180			3.887		190		
	6.453		177			3.697		189		T J. MOODY
	6.276		357			3.508		379		
2	19.362	6.454		.737		11.092	3.697		.751	
	7.863		185			3.542		184		
	7.678		186			3.358		184		
	7.492		371			3.174		368		
3	23.033	7.678		1.108		10.074	3.358		1.119	
	7.995		184			3.485		198		
	7.811		181			3.287		198		
	7.630		365			3.089		396		
4	23.436	7.812		1.473		9.861	3.287		1.515	
	7.025		177			5.661		182		
	6.848		180			5.479		180		
	6.668		357			5.299		362		
5	20.541	6.84		1.830		16.439	5.480		1.877	
		35.811					20.101			

F.B. 2403 P.G. 7

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: CLEAR Inst. No. 50010
Notes by: G. E. DREIER Time: 9:30 TO 11:10 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 31-15 To: B.M. 31-46
Date: 4-5-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.099	35.814	186	1.830		5.038	20.101	179	1.877	
	5.913		184			4.859		177		
	5.729		370			4.682		356		
6	17.741	5.914		2.200		14.579	4.860		2.233	
	5.649		180			5.212		189		
	5.469		180			5.023		185		
	5.289		360			4.838		374		
7	16.407	5.469		2.560		15.073	5.024		2.607	
	5.813		175			5.124		179		
	5.638		176			4.945		177		
	5.462		351			4.768		356		
8	16.913	5.638		2.911		14.937	4.946		2.963	
	5.917		176			5.241		172		
	5.741		173			5.069		176		
	5.568		349			4.893		348		
9	17.226	5.742		3.260		15.203	5.068		3.311	
	6.812		190			4.621		176		
	6.622		187			4.445		173		
	6.435		377			4.272		349		
10	19.869	6.623		3.637		13.338	4.446		3.660	
		65.197					44.415			

F.B. 2703 P.G. 8

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:10 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 31-15 To B.M. 31-16
Date 4-5-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.051	65.197	172	3.637		4.963	4.445	166	3.660	
	5.879		168			4.797		166		
	5.711		340			4.631		332		
11	17.641	5.880		3.977		14.391	4.797		3.992	
	6.312		176			4.658		176		
	6.136		177			4.482		174		
	5.959		353			4.308		350		
12	18.407	6.136		4.330		13.448	4.483		4.342	
	6.431		169			4.955		168		
	6.262		167			4.787		169		
	6.095		336			4.618		337		
13	18.788	6.263		4.666		14.360	4.787		4.679	
	6.325		190			4.719		177		
	6.135		188			4.542		177		
	5.947		378			4.365		354		
14	18.407	6.136		5.044		13.626	4.542		5.033	
	6.277		190			5.111		167		
	6.087		188			4.944		165		
	5.899		378			4.779		332		
15	18.263	6.088		5.422		14.834	4.945		5.365	
		95.700					67.999			

F.B. 24403 P.G. 5

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:12 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-15 To B.M. 31-16
Date 4-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5306	95.700	100	5.422		6.954	67.979	123	5.365	
	5.206		098			6.831		120		B.M. 31-16
	5.108		198			6.711		243		MONTERY PASS RD & FREMONT AVE
16	15.620	5.207		5.620		20.496	6.832		5.608	SEE F.B. 1397-20 FOR DESC.
									5.620	
									11.228	
									= .72 MI	
										SUMMATION OF RUN
										B.M. 31-15 TO B.M. 31-16
										TOTAL BACKSIGHTS + 100.907
										TOTAL FORESIGHTS − 74.831
										DIFF IN ELEVATION + 26.076
		100.907 −					74.831			

F.B. 2403 P.G. 10

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-15
Date 4-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.821		113		#11	5.187		108		B.M. 31-16
	6.708		112			5.079		108		MONTERY PASS RD. & FREMONT AVE.
	6.596		225			4.971		216		SEE FB. 1397-20 FOR DESC.
1	20.125	6.708		.225	71°	15.237	5.079		.216	
	5.095		177			6.236		178		
	4.918		175			6.058		179		
	4.743		352			5.879		357		T J. MOODY
2	14.756	4.919		.577		18.173	6.058		.573	
	4.779		178			6.384		193		
	4.601		176			6.191		189		
	4.425		354			6.002		382		
3	13.805	4.602		.931		18.577	6.192		.955	
	4.942		169			6.423		166		
	4.773		169			6.257		169		
	4.604		338			6.088		335		
4	14.319	4.773		1.269		18.768	6.256		1.290	
	4.828		175			6.479		178		
	4.653		174			6.301		176		
	4.479		349			6.125		354		
5	13.960	4.653		1.618		18.905	6.302		1.644	
		25.655					29.887			

F.B. 2403 P.G. 11

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE - HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 31-16 To B.M. 31-15
Date 4-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.102	25.655	171	1.618		6.182	29.887	167	1.644	
	4.931		172			6.015		166		
	4.759		343			5.849		333		
6	14.792	4.931		1.961		18.046	6.[illegible]5		1.977	
	4.489		184			6.663		180		
	4.305		183			6.483		180		
	4.122		367			6.303		360		
7	12.916	4.305		2.328		19.449	6.483		2.337	
	5.283		175			5.958		176		
	5.108		173			5.782		173		
	4.935		348			5.609		349		
8	15.326	5.109		2.676		17.349	5.783		2.686	
	5.059		180			5.751		176		
	4.879		178			5.575		176		
	4.701		358			5.399		352		
9	14.639	4.880		3.034		16.725	5.575		3.038	
	5.059		185			5.495		182		
	4.874		185			5.313		180		
	4.689		370			5.133		362		
10	14.622	4.874		3.404		15.941	5.3[illegible]4		3.400	
		49.754					59.657			

F.B. 2603 P.G. 12

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-15
Date 4-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5195	49.754	184	3.404		6,248	59.057	186	3.400	
	5,011		180			6,068		180		
	4,831		364			5.888		360		
11	15,037	5,012		3,768		18,204	6,088		3,760	
	5,518		182			6,878		179		
	5.336		179			6.699		175		
	5,157		361			6,524		354		
12	16,011	5.337		4,129		20,101	6,700		4,114	
	3.374		197			7.879		182		
	3,177		199			7,697		181		
	2.978		396			7.516		363		
13	9,529	3,176		4.525		23,092	7,697		4.477	
	3.458		186			7,778		187		
	3,272		184			7,591		185		
	3 088		370			7.406		372		
14	9,818	3.273		4.895		22,775	7,592		4.849	
	4007	66 552	178			6,778	87,134	193		
	3,829		177			6.585		190		
	3.652		355			6,395		383		
15	11,488	3.829		5,250		19,758	6,586		5,232	
		70.381					93.780			

F.B. 24103 P.G. 13

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 3:10 TO 4:00 Rod No. 11 912

Name L. A. CO. PRECISE LEVEL NET
Job No 0.301.02
From B.M. 31-16 To B.M. 31-15
Date 4-5-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.588	70.381	183	5.250		7.343	93.780	195	5.232	
	4.405		182			7.148		193		B.M. 31-15
	4.223		365			6.955		3881		MONTERY PASS RD, 0.75 MI. N.E. OF
16	13.216	4.405		5.615		21.446	7.149		5.620	FLORAL DR.
										SEE F.B. 1397-19 FOR DESC.
										SUMMATION OF RUN
										B.M. 31-16 TO B.M. 31-15
										TOTAL BACKSIGHTS + 74,786
										TOTAL FORESIGHTS - 100,869
										DIFF IN ELEVATION - 26,083
		74786					100,869			

F.B. 2403 P.G. 14

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE-CLEAR Inst. No. 50010
Notes by G. E. DREIER Time 11:15 To Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-17
Date 4-5-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.893		180		#11	6.707		190		B.M. 31-16
	5.713		176			6.517		190		MONTERY PASS RD. & FREMONT AVE.
	5.537		356			6.327		380		SEE F.B. 1397-20 FOR DESC.
1	17.143	5.714		.356	65°	19.551	6.517		380	
	5.311		188			6.280		191		
	5.123		185			6.089		187		T J. MOODY
	4.938		373			5.902		378		
2	15.372	5.124		.729		18.271	6.090		758	
	5.289		188			6.089		190		
	5.101		184			5.899		188		
	4.917		372			5.711		378		
3	15.307	5.102		1.101		17.699	5.900		1.136	
	5.556		184			5.941		191		
	5.372		181			5.750		188		
	5.191		365			5.562		379		
4	16.119	5.373		1.466		17.253	5.751		1.515	
	5.415		184			5.785		186		
	5.231		180			5.599		187		
	5.051		364			5.412		373		
5	15.697	5.232		1.830		16.796	5.599		1.888	
		26.545					29.857			

F.B. 2403 P.G. 185

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-17
Date 4-5-56
Indexed L. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.432	26.545	184	1830		5.817	29.857	179	1888	
	5.248		182			5.638		179		
	5.066		366			5.459		358		
6	15.746	5.249		2,196		16.914	5.638		2,246	
	5.178		196			5.695		173		
	4.982		195			5.522		170		
	4.787		391			5.352		343		
7	14.947	4.982		2587		16.569	5.523		2589	
	5.163		178			5.983		181		
	4.985		176			5.802		179		
	4.809		354			5.623		360		
8	14.957	4.986		2,941		17.408	5.803		2,949	
	5.219		184			4.937		188		
	5.035		180			4.749		184		
	4.855		364			4.565		372		
9	15.109	5.036		3,305		14.251	4.750		3,321	
	3.159		178			7.171		172		
	2.981		179			6.999		171		
	2.802		357			6.828		343		
10	8.942	2.981		3,662		20.998	6.999		3,664	
		49.779					58.570			

F.B. 2403 P.G. 16

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-17
Date 4-5-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
		3 2.3					2			
	2.919	49.779	181	3.662		8.789	58.570	187	3.664	
	2.738		180			8.602		184		
	2.558		361			8.418		371		
11	8.215	2.738		4.023		25.809	8.603		4.035	
	2.637		186			6.741		192		
	2.451		183			6.549		188		
	2.268		369			6.361		380		
12	7.356	2.452		4.392		19.651	6.550		4.415	
	4.719		181			6.539		183		
	4.538		185			6.356		184		
	4.353		366			6.172		367		
13	13.610	4.537		4.758		19.067	6.356		4.782	
	3.599		180			8.383		182		
	3.419		181			8.201		182		
	3.238		361			8.019		364		
14	10.256	3.419		5.119		24.603	8.201		5.146	
	1.712		199			6.689		247		
	1.513		196			6.442		243		
	1.317		395			6.199		490		
15	4.542	1.514		5.514		19.330	6.443		5.636	
		64.439					94.723			

F.B. 2403 P.G. 17

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:15 TO 2:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-16 To B.M. 31-17
Date 4-5-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.497	64.439	116	5.514		6563	94.723	071	5.636	
	5.381		114			6.492		070		B.M. 31-17
	5.267		230			6.422		141		GARVEY AVE & ATLANTIC BLVD
16	16.145	5.382		5.744		19.477	6.492		5.777	SEE F.B. 1397-21 FOR DESC.
									5.744	
									11.521	
									=0.74 mi.	
										SUMMATION OF RUN
										B.M. 31-16 TO B.M. 31-17
										TOTAL BACKSIGHTS + 69.821
										TOTAL BACKSIGHTS - 101.215
										DIFF IN ELEVATION - 31.394
		69.821 -					101.215 -			

F.B. 2403 P.G. 18

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-17 To B.M. 31-16
Date 4-5-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.745		100		#11	5.623		088		B.M. 31-17
	6.645		097			5.535		087		GARVEY AVE & ATLANTIC BLVD.
	6.548		197			5.448		175		SEE F.B. 1397-21 FOR DESC.
1	19.938	6.646		.197	74°	16.606	5.535		.175	
	6.291		211			1.388		237		
	6.080		208			1.151		233		
	5.872		419			0.918		470		
2	18.243	6.081		.616		3.457	1.152		.645	T. J. MOODY
	8.419		182			3.636		184		
	8.237		184			3.452		181		
	8.053		366			3.271		365		
3	24.709	8.236		.982		10.359	3.453		1.010	
	6.601		193			4.767		176		
	6.408		191			4.591		174		
	6.217		384			4.417		350		
4	19.226	6.409		1.366		13.775	4.592		1.360	
	6.689		191			2.582		184		
	6.498		191			2.398		186		
	6.307		382			2.212		370		
5	19.494	6.498		1.748		7.192	2.397		1.730	
		33.870					17.129			

F.B. 2403 P.G. 15

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 2:10 to 3:05 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-17 To B.M. 31-16
Date 4-5-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.795	33.870	184	1.748		2.929	17.129	184	1.730	
	8.611		187			2.745		182		
	8.424		371			2.563		366		
6	25.830	8.610		2.119		8.237	2.746		2.096	
	7.214		171			3.204		182		
	7.043		172			3.022		179		
	6.871		343			2.843		361		
7	21.128	7.043		2.462		9.069	3.023		2.457	
	4.977		186			5.262		183		
	4.791		183			5.079		182		
	4.608		369			4.897		365		
8	14.376	4.792		2.831		15.238	5.079		2.822	
	6.035		181			5.211		179		
	5.854		177			5.032		177		
	5.677		358			4.855		356		
9	17.566	5.855		3.189		15.098	5.033		3.178	
	5.770		183			5.231		182		
	5.587		184			5.049		184		
	5.403		367			4.865		366		
10	16.760	5.587		3.556		15.145	5.048		3.544	
		65.757					38.058			

F.B. 2403 P.G. 20

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-17 To B.M. 31-16
Date 4-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.805	65.757	177	3.556		5.422	38.058	184	3.544	
	5.628		178			5.238		183		
	5.450		355			5.055		367		
11	16.883	5.628		3.911		15.715	5.238		3.911	
	5.829		188			5.457		182		
	5.641		186			5.275		183		
	5.455		374			5.092		365		
12	16.925	5.642		4.285		15.824	5.275		4.276	
	5.914		191			5.529		183		
	5.723		188			5.346		182		
	5.535		379			5.164		365		
13	17.272	5.724		4.664		16.039	5.346		4.641	
	6.175	82.751	190			5.376	54.917	188		
	5.985		186			5.188		186		
	5.799		376			5.002		374		
14	17.959	5.986		5.040		15.566	5.189		5.015	
	6.123		190			5.156		188		
	5.933		186			4.968		187		
	5.747		376			4.781		375		
15	17.803	5.934		5.416		14.905	4.968		5.390	
		94.671					65.074			

F.B. 2403 P.G. 21

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 3:05 Rod No. 11812

Name A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-17 To B.M. 31-16
Date 4-5-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.546	94.671	189	5.416		4.725	65.274	178	5.390	
	6.357		190			4.547		179		B.M. 31-16
	6.167		379			4.368		357		MONTERY PASS RD. & FREMONT AVE
16	19.070	6.357		5.795		13.640	4.547		5.747	SEE F.B. 1397-20 FOR DESC.
									5.795 11.542 =0.74 mi	
										SUMMATION OF RUN
										B.M. 31-17 TO B.M. 31-16
										TOTAL BACKSIGHTS +101.028
										TOTAL FORESIGHTS − 69.621
										DIFF IN ELEVATION + 31.407
		101.028					69.621			

F.B. 2603 P.G. 22

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J.A. MOODY Time 8:30 to 9:20 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 03.01.02
From BM 31-17 To BM 31-18
Date 4-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6577		187		#11	3549		186		BM 31-17
	6390		186			3363		186		GARVEY AVE & ATLANTIC BL.
	6204		373			3177		372		SEE 1397-21 FOR DESC.
1	19.171	6.390		.373	65°	10.089	3.363		.372	
	10.639		188			2945		192		
	10.451		189			2.753		191		⊼ G.E. DREIER
	10.262		377			2562		383		
2	31.352	10.451		.750		8.260	2.753		.755	
	6934		185			5799		188		
	6749		185			5611		188		
	6564		370			5423		376		
3	20.247	6.749		1.120		16.833	5.611		1.131	
	4404		186			7058		191		
	4218		186			6867		190		
	4032		372			6677		381		
4	12.654	4.218		1.492		20.602	6.867		1.512	
	4183		194			7142		191		
	3989		192			6951		190		
	3797		386			6761		381		
5	11.969	3.990		1.878		20.854	6.951		1.893	
		31.788 / 9					25.545			

F.B. 2403 P.G. 23

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. Moody Time 8.30 to 9.20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 31-17 To BM 31-18
Date 11-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4798	31.788	190	1878		6558	[illegible]	188	1893	
	4608		189			6370		189		
	4419		379			6181		377		
6	13825	4.608		2257		19109	6.370		2.270	
	5524		191			5824		180		
	5333		191			5644		178		
	5142		382			5466		358		
7	15999	5.333		2639		16934	5.645		2.628	
	4952		192			6267		185		
	4760		190			6082		183		
	4570		382			5899		368		
8	14282	4.761		3.021		18.248	6.083		2.996	
	5452		188			6075		186		
	5264		187			5889		184		
	5077		375			5705		370		
9	15793	5.264		3.396		17669	5.890		3.366	
	5283		183			6070		192		
	5100		182			5878		190		
	4918		365			5688		382		
10	15301	5.100		3.761		17636	5.879		3.748	
		56.854					5.[illegible]2			
		6								

F.B. 2403 P.G. 24

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No 50010
Notes by J. A. Moody Time 8:30 to 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 31-17 To BM 31-18
Date 4-6-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5471	5.6854	192	3761		6235	5.5412	186	3748	
	5279		192			6049		187		
	5087		384			5862		373		
11	15837	5.279		4.145		18146	6.049		4.121	
	5657		186			6026		190		
	5471		183			5836		189		
	5288		369			5647		379		
12	16416	5.472		4.514		17509	5.836		4.500	
	6033		165			5383		145		BM 31-18
	5868		165			5238		146		GARFIELD AVE & ATLANTIC B.L.
	5703		330			5092		291		SEE F.B. 1397-22
13	17604	5.868		4.844		15713	5.238		4.791	
										SUMMATION OF RUN
										B.M. 31-17 TO B.M. 31-18
										TOTAL BACKSIGHTS +73.473
										TOTAL FORESIGHTS -72.535
										DIFF IN ELEVATION +0.938
		73.473					72.535			

F.B. 2403 PG. 25

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. Maady Time 11:15 to 12:00 Rod No 11 & 12

Name A CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 31-18 To B.M. 31-17
Date 4-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5283		149			5919		156		B.M. 31-18
	5134		149			5763		156		GARVEY AVE & GARFIELD
	4985		318	298		5607		312		SEE F.B. 1397-22 FOR DESC.
1	15402	5134	298	318		17289	5763		312	
	5927		189			5562		186		
	5738		189			5376		186		G.E. DREIER
	5549		378	7		5190		372		
2	17214	5738		686		16128	5376		684	
	6213		187			5443		191		
	6026		185			5252		191		
	5841		372	4		5061		382		
3	18080	6027		1068		15756	5252		1066	
	6021		188			5241		187		
	5833		188			5054		183		
	5645		376	42		4871		370		
4	17499	5833		1244		15166	5055		1436	
	6148		186			5526		187		
	5962		185			5339		186		
	5777		371	79		5153		373		
5	17887	5962		1855		16018	5339		1809	
	28694					26[illegible]5				

F.B. 2403 P.G. 26

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. MOODY Time 1145 to 12:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-18 To B.M. 31-17
Date 4-6-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6263	28.694	185	1845		4948	26.78	192	1809	
	6078		185			4756		191		
	5893		370			4565		383		
6	18234	6.078		2185		14269	4.756		2192	
	5733		184			5423		185		
	5549		183			5238		186		
	5366		367			5052		371		
7	16648	5.549		2512		15713	5.238		2563	
	6551		190			4790		190		
	6361		189			4600		189		
	6172		379			4411		379		
8	19084	6.361		2931		13801	4.600		2942	
	7011		191			4048		195		
	6820		191			3853		194		
	6629		382			3659		389		
9	20460	6.820		3313		11560	3.853		3331	
	6937		190			4284		185		
	6747		190			4099		186		
	6557		380			3913		371		
10	20241	6.747		3693		12296	4.099		3702	
		60.249					49.334			

F.B. 2403 P.G. 27

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIFR Weather HAZE Inst. No 50010
Notes by J. A. Moody Time 11:15 to 12 Rod No. 11 & 12

Name A CO. PRECISE LEVEL NET
Job No. 030102
From BM31-18 To BM31-17
Date 4-6-56
Indexed X C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5768	60.249	189	3693		6898	49.324	185	3702	
	5579		189			6713		182		
	5390		378			6531		367		
11	16737	5579		4071		20142	6714		4069	
	2919		192			10.615		188		
	2727		190			10.427		189		
	2537		382			10.238		377		
12	8183	2.728		4453		31.280	10.427		4.445	
	3603		181			6638		191		
	3422		180			6447		192		
	3242		361	79		6255		383		
13	10267	3422		4834		19340	6.447		4.829	B.M. 31-17
									4.814	GARVEY AVE & ATLANTIC BL.
									9.643	SEE F.B. 1397-21 FOR DESC.
									=.62 mi	
										SUMMATION OF RUN
										BM 31-18 to BM 31-17
										Total Backsights +71.978
										" fore " -72.922
										Diff in Elev. -0.944
	71.978					72.922				

F.B. 2403 P.G. 28

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 59010
Notes by G. E. DREIER Time 9.25 TO 10.25 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-18 To B.M. 31-19
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	6348 6,157 5.968 18473	6,158	191 189 380	380		4.789 4,595 4.401 3,785	4.595	194 194 388	388	B.M. 31-18 GARVEY AVE GARFIELD SEE F.B. 1397-22 FOR DESC.
2	6,227 6,039 5,854 18,120	6,040	188 185 373	753		4.991 4.807 4.625 14,423	4.808	184 182 366	754	π J. MOODY
3	6241 6,062 5.885 18,188	6,063	179 177 356	1,109		4744 4,566 4.389 13,699	4,566	178 177 355	1,109	
4	6.356 6,181 6.007 18,544	6,181	175 174 349	1,458		4.796 4,604 4,416 13,816	4.605	192 188 380	1489	
5	6438 6,238 6,039 18,715	6,238	200 199 399	1,857		4.790 4,585 4,381 13,756	4.585	205 204 409	1898	
		30,680					23,159			

F.B. 2403 P.G. 29

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 9:25 TO 10:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-18 To B.M. 31-19
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5202	30.680	184	1.857		5.984	2[illegible]59	185	1.898	
	5.018		186			5.799		187		
	4 5.832		370			5.612		372		
6	16.052	5.017		2.227		17.395	5.[illegible]98		2.270	
	5.236		189			5.909		168		
	5.047		188			5.741		164		
	4.859		377			5.577		332		
7	15.142	5.047		2.604		17.227	5.742		2.602	
	4.859		188			6669		187		
	4.671		188			6.482		183		
	4.483		376			6.299		370		
8	14.013	4.671		2.980		19.450	6.483		2.972	
	5.139		187			5912		180		
	4.952		188			5.732		179		
	4.764		375			5.553		359		
9	14.855	4.952		3.355		17.197	5.[illegible]2		3.331	
	5.382		183			6.17[illegible]		186		
	5.199		180			5.985		184		
	5.019		363			5.801		370		
10	15.600	5.200		3.718		17.957	5.[illegible]6		3.701	
		55.567					5[illegible].900			

F.B. 2403 P.G. 30

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G.E.DREIER Weather HAZE Inst. No. 50010
Notes by G.E.DREIER Time 9:25 TO 10:25 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-18 To B.M. 31-19
Date 4-6-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.785	55.567	175	3.718		6.018	52.900	172	3.72	
	4.610		173			5.846		171		
	4.437		348			5.675		343		
11	13.832	4.611		4.066		17.539	5.846		4.055	
	5.395		187			5.859		187		
	5.208		186			5.672		189		
	5.022		373			5.483		376		
12	15.625	5.208		4.439		17.014	5.671		4.43	
	4.788		062			5.319		060		B.M. 31-19
	4.726		063			5.259		059		EMERSON AVE. & ALHAMBRA AVE.
	4.663		125			5.200		119		SEE F.B. 1397-23 FOR DESC.
13	14.177	4.726		4.564		15.778	5.259		4.559	
									4.564 / 9.125 = 0.59 m.	SUMMATION OF RUN B.M. 31-18 TO B.M. 31-19
										TOTAL BACKSIGHTS +70.112
										TOTAL FORESIGHTS -69.676
										DIFF IN ELEVATION + 0.436
		70.112					69.676			

F.B. 2403 P.G. 31

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SMOG Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.351		062			4813		062		B.M. 31-19
	5.289		061			4.751		061		EMERSON AVE & ALHAMBRA AVE.
	5.228		123			4.690		123		SEE F.B. 1397-23 FOR DESC
1	15.868	5.289		123		14.254	4.751		.123	
	5.811		191			5.342		187		
	5.620		188			5.155		185		
	5.432		379			4.970		372		
2	16.863	5.621		.502		15.467	5.156		.495	
	5.973		171			4741		174		
	5.802		170			4.567		175		
	5.632		341			4.392		349		
3	17.407	5.802		.843		13.700	4.567		.844	
	6.185		187			5391		184		
	5.998		183			5.207		180		
	5.815		370			5.027		364		
4	17.998	5.999		1.213		15.625	5.208		1208	
	5862		180			5.091		189		
	5.682		178			4.902		187		
	5.504		358			4.715		376		
5	17.048	5.683		1.571		14.708	4.903		1.584	
		28.394					24.485			

F.B. 2403 P.G. 32

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather VERY SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.679	28.394	182	1.571		4.873	24.585	188	1.584	
	6.497		184			4.685		190		
	6.313		366			4.495		378		
6	19.489	6.496		1.937		14.053	4.684		1.962	
	5.998		177			5.298		179		
	5.821		177			5.119		176		
	5.644		354			4.943		355		
7	17.463	5.821		2.291		15.360	5.120		2.317	
	6.018		190			5.231		184		
	5.828		189			5.047		186		
	5.639		379			4.861		370		
8	17.485	5.828		2.670		15.139	5.046		2.687	
	4.803		205			6.445		198		
	4.598		205			6.247		196		
	4.393		410			6.051		394		
9	13.794	4.598		3.080		18.743	6.248		3.081	
	4.762		190			6.326		175		
	4.572		191			6.151		176		
	4.381		381			5.975		351		
10	13.715	4.572		3.461		18.452	6.15		3.432	
		55.709					51.834			

F.B. 2403 P.G. 33

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SMOG Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:10 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.762	55.709	171	3.461		6.277	51.834	188	3.432	
	4.591		170			6.089		187		
	4.421		341			5.902		375		
11	13.774	4.591		3.802		18.268	6.089		3.807	
	4.935		184			6.172		187		
	4.751		183			5.985		186		
	4.568		367			5.799		373		
12	14.254	4.751		4.169		17.956	5.985		4.180	
	4.771		189			6.340		193		
	4.582		186			6.147		195		B.M. 31-18
	4.396		375			5.952		388		GARVEY AVE. & GARFIELD AVE.
13	13.749	4.583		4.544		18.439	6.146		4.568	SEE F.B. 1397-22 FOR DESC
										SUMMATION OF RUN
										B.M. 31-19 TO B.M. 31-18
										TOTAL BACKSIGHTS + 69.634
										TOTAL FORESIGHTS − 70.054
										DIFF IN ELEVATION + 0.420
		69.634					70.054			

F.B. 2403 P.G. 34

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

+0.436
-0.420

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather BREEZE-HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:20 TO 3:45 Rod No. 11 & 12

Name U.A. CO. PRECISE LEVELNET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.298 5.236 5.176 15.710	5.237	062 060 122	122	#11 70°	4.763 4.699 4.638 14.100	4.700	064 061 125	125	B.M. 31-19 EMERSON AVE & ALHAMBRA AVE SEE F.B. 1397-23 FOR DESC
2	5.798 5.611 5.421 16.830	5.610	187 190 377	.499	—	5.328 5.139 4.953 15.420	5.140	189 186 375	.500	⊼ J. MOODY
3	5.999 5.828 5.658 17.485	5.828	171 170 341	.840		4.768 4.593 4.419 13.780	4.593	175 174 349	.849	
4	6.138 5.952 5.769 17.859	5.953	186 183 349	1.209		5.342 5.161 4.979 15.482	5.161	181 182 363	1.212	
5	5.878 5.699 5.522 17.099	5.700	179 177 356	1.565		5.108 4.918 4.731 14.757	4.919	190 187 377	1.589	
		28.328					24.513			

F.B. 2403 P.G. 35

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.645	28.328	184	1.545		4.839	[illegible]	190	1.589	
	6.461		183			4.649		188		
	6.278		367			4.461		378		
6	19.384	6.461		1.912		13.949	[illegible]		1.967	
	5.979		178			5.278		177		
	5.801		177			5.101		179		
	5.624		355			4.922		356		
7	17.404	5.801		2.267		15.301	[illegible]		2.323	
	6.015		193			5.219		181		
	5.822		190			5.038		180		
	5.632		383			4.858		361		
8	17.469	5.823		2.650		15.115	5.038		2.684	
	4.812		203			6.459		201		
	4.609		200			6.258		199		
	4.409		403			6.059		400		
9	13.830	4.610		3.053		18.776	[illegible]		3.084	
	4.739		191			6.301		176		
	4.548		189			6.125		174		
	4.359		380			5.951		350		
10	13.646	4.549		3.453		18.377	6.126		3.434	
		55.572					51.186			

F.B. 2403 P.G. 36

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To B.M. 31-18
Date 4-6-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4787	55.572	178	3.4~~3~~5		6.286	51.686	181	3.434	
	4.609		178			6.105		177		
	4431		356			5.928		358		
11	13.827	4.609		3.~~789~~ 80		18.319	6.106		3.792	
	4958		182			6187		188		
	4.776		181			5.999		185		
	4.595		363			5.814		373		
12	14.329	4.776		41~~5~~7 2		18000	6.000		4165	
	4.701		190			6273		191		
	4.511		192			6.082		190		B.M. 31-18
	4.319		382			5.892		381		GARVEY AVE & GARFIELD AVE.
13	13.531	4.510		4.5~~3~~5 4		18.247	6.082		4.546	SEE F.B. 1397-22 FOR DESC
										SUMMATION OF RUN
										B.M. 31-19 TO B.M. 31-18
										TOTAL BACKSIGHTS +69.467
										TOTAL FORESIGHTS -69.874
										DIFF IN ELEVATION -0.407
		69.467					69.874			

F.B. ..... P.G. .....

F.B. 2403 PG 37

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 9:30 TO Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 31-18 To: B.M. 31-19
Date: 4-9-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.262		194		#11	4.691		188		B.M. 31-18
	6.068		192			4.504		186		GARVEY AVE & GARFIELD AVE
	5.876		386			4.318		374		SEE F.B. 1397-22 FOR DESC.
1	18.206	6.069		386	60°	13.513	4.504	3	.374	
	6.153		187			4.912		183		J. MOODY
	5.966		187			4.729		181		
	5.779		374			4.548		364		
2	17.898	5.966		.760		18.189	4.730		.738	
	6.271		180			4.771		178		
	6.091		179			4.593		175		
	5.912		359			4.418		353		
3	18.274	6.091		1.119		13.782	4.59[illegible]		1.091	
	6.336		178			4.772		191		
	6.158		175			4.581		189		
	5.983		353			4.392		380		
4	18.477	6.159		1.472		13.745	4.582		1.471	
	6.457		204			4.802		203		
	6.253		201			4.599		200		
	6.052		405			4.399		403		
5	18.762	6.254		1.877		13.800	4.600		1.874	
		30.539					23.088			

F.B. 2403 Pg. 38

F.B. ..... P.G. .....

10

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 11:25 Rod No. 11 #12

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 81-18 To B.M. 31-19
Date 4-9-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.208	30.539	186	1.877		5.997	23.009	189	1.874	
	5.022		183			5.808		189		
	4.839		369			5.619		378		
6	15.069	5.023		2.246		17.424	5.808		2.252	
	5.257		177			5.959		177		
	5.082		176			5.782		174		
	4.906		353			5.608		351		
7	15.247	5.082		2.599		17.349	5.783		2.603	
	4.808		190			6.608		186		
	4.618		187			6.422		183		
	4.431		377			6.239		369		
8	13.857	4.619		2.976		19.269	6.423		2.992	
	4.870		193			5.632		174		
	4.677		191			5.458		176		
	4.486		384			5.282		350		
9	14.033	4.678		3.360		16.372	5.457		3.322	
	5.292		181			6.087		185		
	5.111		182			5.902		183		
	4.929		363			5.719		368		
10	15.332	5.111		3.723		17.708	5.903		3.690	
		55.052					52.384			

F.B. 2403 P.G. 37

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G.E. DREIER Time 9:30 To 11:25 Rod No. 11812

Name L A CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-18 To B.M. 31-19
Date 4-9-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.709	5.052	172	3.723		5.942	5.771	171	3.690	
	4.537		174			5.771		173		
	4.363		346			5.598		344		
11	13.609	4.536		4.069		17.311	5.770		4.034	
	5.462		186			5.935		190		
	5.276		185			5.745		187		
	5.091		371			5.558		377		
12	15.829	5.276		4.440		17.238	5.746		4.411	
	4.822		063			5.356		061		
	4.759		061			5.295		061		B.M. 31-19
	4.698		124			5.234		122		EMERSON AVE & ALHAMBRA AVE.
13	14.279	4.760		4.564		15.885	5.295		4.533	SEE F.B. 1397-23 FOR DESC.
										SUMMATION OF RUN B.M. 31-18 TO B.M. 31-19
										TOTAL BACKSIGHTS +69.644
										TOTAL FORESIGHTS -69.192
										DIFF IN ELEVATION +0.452
	69.644					69.192				

F.B. 2403 P.G. 40

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party R. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 9:00 to 9:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 31-18 To BM 31-19
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6393		192		#11	4823		186		BM 31-18
	6201		192			4637		187		GARVEY AVE & GARFIELD AVE
	6009		384			4450		373		SEE F.B. 1397-22 FOR DESC.
1	18603	6201		384	59°	13910	4637		373	
	6340		188			5101		183		
	6152		185			4918		181		
	5967		373			4737		364		
2	18459	6153		757		14756	4919		737	
	6376		179			4874		176		
	6197		179			4698		176		
	6018		358			4522		352		
3	18591	6197		1115		14094	4698		1089	
	6310		173			4757		194		
	6137		171			4563		192		
	5966		344			4371		386		
P.G. 4	18413	6138		1459		13691	4564		1475	
	6564		201			4913		202		
	6363		200			4711		201		
	6163		401			4510		403		
F.B. 5	19090	6363		1860		14134	4711		1878	
		31052					23529			

F.B. 2403 P. 7

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J.A. Moody Time 9:00 to 9:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM 31-18 To BM 31-19
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5224	31052	185	1860		6009	[illegible]	189	1878	
	5039		185			5820		187		
	4854		370			5633		376		
6	15117	5039		2230		17462	[illegible]		2254	
	5349		177			6047		177		
	5172		175			5870		177		
	4997		352			5693		354		
7	15518	5173		2582		17610	[illegible]		2608	
	4582		192			6383		181		
	4390		190			6202		180		
	4200		382			6022		361		
8	13172	4391		2964		18607	[illegible]		2969	
	5112		187			5883		178		
	4925		186			5705		177		
	4739		373			5528		355		
9	4776	4925		3337		17116	5705		3324	
	5535		183			6330		185		
	5352		180			6145		185		
	5172		363			5960		370		
10	16059	5353		3700		18435	6145		3694	
		55933					53272			

F.B. 2403 P. 42

F.B. ..... P.G. .....

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. Moody Time 9:00 to 9:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM31-18 To BM31-19
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4884	55.933	173	3700		6119	53.272	173	3694	
	4711		171			5946		174		
	4540		344			5772		347		
11	14.135	4.712		4.044		17.837	5.946		4041	
	5642		186			6112		190		
	5456		186			5922		187		
	5270		372			5735		377		
12	16368	5.456		4416		17.769	5.923		4.418	
	4888		062			5422		060		BM31-19
	4826		062			5362		060		EMERSON PL. & ALHAMBRA
	4764		124			5302		120		SEE F.B. 1397-23 FOR DESC.
13	14.478	4.826		4.540		16.086	5.362		4538	
										SUMMATION OF RUN
										BM31-18 to BM31-19
										TOTAL BACKSIGHTS + 70.927
										" FORE " − 70.503
										DIFF IN ELEV. + 0.424
		70.927					70.503			

F.B. 2403 Pg. 43

F.B. ..... P.G. .....

76P526 S & E #379 1-54

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Chief of Party R. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J. A. Moody Time 10:05 to 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM31-19 To BM31-18
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5476		061		#11	4939		061		BM31-19
	5415		060			4878		061		EMERSON PL. & ALHAMBRA AV.
	5355		121			4817		122		SEE F.B. 1397-23 FOR DESC.
1	16246	5415		121	61°	14634	4878		122	
	5806		188			5339		187		
	5618		188			5152		184		
	5430		376			4968		371		
2	16854	5618		497		15459	5153		493	
	6079		173			4843		172		
	5906		173			4671		173		
	5733		346			4498		345		
3	17718	5906		843		14012	4671		838	
	6177		186			5385		182		
	5991		183			5203		182		
	5808		369			5021		364		
4	17976	5992		1202		15609	5203		1202	
	5903		179			5132		189		
	5724		178			4943		185		
	5546		357			4758		374		
5	17173	5724		1559		14833	4944		1576	
		28655					24849			

F.B. 2403 Pg. 44

F.B. ..... P.G. .....

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. Moody Time 10:05 to 11:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 31-19 To BM 31-18
Date 4-10-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6744	28.655	184	1559		4938	24.849	189	1576	
	6560		182			4749		188		
	6378		366	3		4561		377		
6	19682	6.561		1925		14248	4.749		1953	
	6074		176			5377		177		
	5898		176			5200		178		
	5722		352	8		5022		355		
7	17694	5.898		2277		15599	5.200		2308	
	6111		191			5326		185		
	5920		187			5141		184		
	5733		378	6		4957		369		
8	17764	5.921		2655		15424	5.141		2677	
	4887		206			6534		199		
	4681		204			6335		196		
	4477		410	7		6139		395		
P.G. 9	14045	4.682		3065		19008	6.336		3072	
	4703		191			6261		172		
	4512		192			6089		172		
	4320		383	5		5917		344		
F.B. 10	13535	4.512		3448		18267	6.089		3416	
		56229					52364			

FB 1403 Pg. 45

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather overcast Inst. No. 50010
Notes by J. A. Moody Time 10:05 to 11:0 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No. 030102
From BM31-19 To BM31-18
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4971	5.229	173	3448		6475	5.364	183	3416	
	4798		174			6292		181		
	4624		347	80		6111		364		
11	14393	4.798		3785		18878	6.293		3780	
	4963		182			6201		187		
	4781		183			6014		184		
	4598		365	7		5830		371		
12	14342	4.781		4180		18045	6.015		4151	
	4812		185			6388		195		
	4627		187			6193		194		BM31-18
	4440		372	4		5999		389	+0	GARVEY AVE & GARFIELD AVE
13	13879	4.626		4532		18580	6.193		4582	SEE F.B. 1397-22 FOR DESC.
										SUMMATION OF RUN
										BM31-19 to BM31-18
										total BACKSIGHTS + 70.434
										" FORE " - 70.865
										DIFF IN ELEV. - 0.431
		70.434					70.865			

F.B. 2403 PG 46

F.B. P.G.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 500.10
Notes by G. E. DREIER Time 2:30 TO 3:10 Rod No. 11 812

Name L. A. CO. PRECISE LEVEL N°
Job No 0301.02
From B.M. 31-19 To T.B.M. A-79
Date 4-10-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.443		224		#11	4.848		224		B.M. 31-19
	7.219		221			4.624		222		EMERSON AVE & ALHAMBRA AVE.
	6.998		445			4.402		446		SEE F.B. 1397-23 FOR DE
1	21.660	7.220		445	58°	13.874	4.625		.446	
	6.362		187			7.745		193		
	6.175		186			7.552		193		
	5.989		373			7.359		386		T. J. Moody
2	18.526	6.175		.818		22.656	7.552		.832	
	2.978		195			8.452		199		
	2.783		191			8.253		196		
	2.592		386			8.057		395		
3	8.353	2.784		1.204		24.762	8.254		1.227	
	3.123		201			7.826		194		
	2.922		200			7.632		193		
	2.722		401			7.439		387		
4	8.767	2.922		1.605		22.897	7.632		1.604	
	4.059		192			6.841		186		
	3.867		19~~2~~			6.655		184		
	3.675		38~~3~~			6.471		370		
5	11.601	3.867		1.988		19.967	6.656		1.974	
	22.968					34.719				

F.B. 2403 P.G. 47

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To T.B.M. A-79
Date 4-10-56
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.202	22.968	170	1988		5.968	3.719	183	1974	
	4.032		170			5.785		180		
	3.862		340			5.605		363		
6	12.096	4.032		2.328		17.358	5.786		2.337	
	4.255		196			7.369		194		
	4.059		192			7.175		193		
	3.867		388			6.982		387		
7	12.181	4.060		2.716		21.526	7.175		2.734	
	5.283		185			6.411		194		
	5.098		186			6.217		195		
	4.912		371			6.022		389		
8	15.293	5.098		3.088		18.650	6.217		3.113	SUMMATION OF RUN
	4.219		175			6.857		175		B.M. 31-19 TO T.B.M. A-79
	4.044		172			6.682		171		TOTAL BACKSIGHTS + 43.098
	3.872		347			6.511		346		TOTAL FORESIGHTS - 68.233
9	12.135	4.045		3.435		20.050	6.683		3.459	DIFF IN ELEVATION - 25.135
	3.096		201			7.849		197		T.B.M. A-79
	2.895		200			7.652		194		EMERSON AVE & NEW AVE, S.E. COR.
	2.695		401			7.458		391		B. SPK IN CURB 14 FT. S. OF S. END C.P.
10	8.686	2.895		3.835		22.959	7.653		3.850	
		43.098					68.233			

F.B. 2403 P.G. 48

3.835
7.685
= 0. mi.

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1100 TO Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No 0301.02
From T.B.M. A-79 To B.M. 31-19
Date 4-10-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.933		200		#11	3.173		195		T.B.M. A-79
	7.733		198			2.978		199		EMERSON AVE & NEW AVE., S.E.COR.
	7.535		398			2.779		394		B.SPK IN CURB 14 FT. S. OF S. END G.R.
1	23.201	7.734		398		8.930	2.977		394	
	6.819		170			4.187		175		
	6.649		171			4.012		174		TT J. MOODY
	6.478		341			3.838		349		
2	19.946	6.649		739		12.037	4.012		743	
	6.348		195			5.219		186		
	6.153		194			5.033		185		
	5.959		389			4.848		371		
3	18.460	6.153		1.128		15.100	5.033		1.114	
	7.348		195			4.238		196		
	7.153		194			4.042		194		
	6.959		389			3.848		390		
4	21.460	7.153		1.517		12.128	4.043		1.504	
	5.921		182			4.153		171		
	5.739		180			3.982		168		
	5.559		362			3.814		339		
5	17.219	5.740		1.879		11.949	3.983		1.843	
		33.429					20.048			

F.B. 2403 P.G. 49

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 1:00 to 2:20 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: T.B.M. A-79 To: B.M. 31-19
Date: 4-10-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.775	33.429	186	1879		3.993	[illegible]	191	1,843	
	6.589		186			3.802		191		
	6.403		372			3.611		382		
6	19.767	6.589		2.251		11.406	[illegible]		2.225	
	7.859		196			3.153		202		
	7.663		194			2.953		200		
	7.469		390			2.753		402		
7	22.991	7.664		2.641		8.861	[illegible]		2.627	
	8.445		198			2.973		194		SUMMATION OF RUN
	8.247		196			2.779		191		B.M. 31-19 TO T.B.M. A-79
	8.051		394			2.588		385		TOTAL BACKSIGHTS + 68.259
8	24.743	8.248		3.035		8.340	2.780		3.012	TOTAL FORESIGHTS - 43.138
	7.779		188			6.406		188		DIFF IN ELEVATION + 25.121
	7.591		192			6.218		189		
	7.399		380			6.029		377		
9	22.769	7.590		3.415		18.653	[illegible]		3.389	
	4.951		213			7.571		236		
	4.738		210			7.335		233		B.M. 31-19
	4.528		423			7.102		469		EMERSON AVE & ALHAMBRA AVE
10	14.217	4.739		3.838		22.008	[illegible]		3.858	SEE F.B. 1397-23 FOR DESC.
		68.259					43.138			

F.B. 2403 P.G. 50

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:00 To 8:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-19 To T.B.M. A-79
Date 4-11-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
1	7.373 7.151 6.929 21.453	7.151	.222 .222 .444	.444	#11 54°	4.779 4.557 4.333 13.669	4.556	.222 .224 .446	.446	B.M. 31-19 EMERSON AVE & ALHAMBRA AVE SEE F.B. 1397-23 FOR DESC.
2	6.359 6.172 5.988 18.519	6.173	.187 .184 .371	.815		7.742 7.550 7.358 22.650	7.550	.192 .192 .384	.830	T J. MOODY
3	2.997 2.803 2.612 8.412	2.804	.194 .191 .385	1.200		8.471 8.272 8.076 24.819	8.273	.199 .196 .395	1.225	
4	3.131 2.931 2.731 8.793	2.931	.200 .200 .400	1.600		7.838 7.641 7.448 22.927	7.642	.197 .193 .390	1.615	
5	3.954 3.762 3.571 11.287	3.762	.192 .191 .383	1.983		6.737 6.550 6.365 19.652	6.551	.187 .185 .372	1.987	
		22.821					34.572			

F.B. 2403 P.G. 21

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 8:00 TO 8:5[illegible] Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 31-19 To: T.B.M. A-79
Date: 4-11-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.199	22.821	171	1.983		5.967	30.572	184	1.987	
	4.028		170			5.783		180		
	3.858		341			5.603		364		
6	12.085	4.028		2.324		17.353	5.784		2.351	
	4.235		196			7.349		196		
	4.039		194			7.153		192		
	3.845		390			6.961		388		
7	12.119	4.040		2.714		21.463	7.154		2.739	SUMMATION OF RUN B.M. 31-19 TO T.B.M. A-79
	5.278		187			6.408		196		TOTAL BACKSIGHTS + 42.900
	5.091		185			6.212		193		TOTAL FORESIGHTS - 68.043
	4.906		372			6.019		389		DIFF IN ELEVATION -25.143
8	15.275	5.092		3.086		18.639	6.213		3.128	
	4.078		179			6.704		168		
	3.899		178			6.536		165		
	3.721		357			6.371		333		
9	11.698	3.899		3.443		19.611	6.537		3.461	
	3.217		198			7.982		200		T.B.M. A-79
	3.019		196			7.782		198		EMERSON AVE & NEW AVE, S.E. COR.,
	2.823		394			7.584		398		B.SPK IN CURB 14 FT. S. OF S. END C.R.
10	9.059	3.020		3.837		23.348	7.783		3.859	
		42.900					68.043			

F.B. 2403 P.G. 52

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:20 TO 10:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-79 To B.M. 31-19
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.007		200			3.247		198		T.B.M. A-79
	7.807		198			3.049		197		EMERSON AVE. AND NEW AVE. S.E. FOR.
	7.609		398			2.852		395		B. SPK IN CURB 14 FT. S. OF S. END C.R.
1	23.423	7.808		.398		9.148	3.049		.395	
	6.815		173			4.179		175		
	6.642		171			4.004		173		T J. MOODY
	6.471		344			3.831		348		
2	19.928	6.643		.742		12.014	4.005		.743	
	6.354		195			5.227		188		
	6.159		194			5.039		184		
	5.965		389			4.855		372		
3	18.478	6.159		1.129		15.121	5.040		1.115	
	7.368		193			4.258		196		
	7.175		193			4.062		194		
	6.982		386			3.868		390		
4	21.525	7.175		1.517		12.188	4.063		1.505	
	5.950		181			4.188		172		
	5.769		180			4.016		170		
	5.589		361			3.846		342		
5	17.308	5.769		1.876		12.050	4.017		1.847	
		33.554					20.174			

F.B. 2403 P.G. 53

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather PART CLOUDY
Time 9.20 TO 10:15
Inst. No. 50010
Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-79 To B.M. 31-
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.771	33.554	184	1.874		3.991	20.994	193	1.847	
	6.587		186			3.798		190		
	6.401		370			3.608		383		
6	19.759	6.586		2.248		11.397	3.799		2.230	
	7.857		196			3.151		201		
	7.661		193			2.950		200		
	7.468		389			2.750		401		
7	22.986	7.662		2.635		8.851	2.950		2.631	
	8.451		199			2.977		193		SUMMATION OF RUN
	8.252		197			2.784		192		T.B.M. A-79 TO B.M. 31-19
	8.055		396			2.592		385		TOTAL BACKSIGHTS +68.136
8	24.758	8.253		3.038		8.353	2.784		3.016	TOTAL FORESIGHTS -43.007
	7.731		192			6.350		188		DIFF IN ELEVATION +25.129
	7.539		191			6.162		184		
	7.348		383			5.978		372		
9	22.618	7.539		3.412		18.490	6.163		3.388	
	4.765		224			7.359		221		
	4.541		222			7.138		223		B.M. 31-19
	4.319		446			6.915		444		EMERSON AVE. & ALHAMBRA AVE
10	13.625	4.542		3.862		21.412	7.137		3.832	SEE F.B. 1397-23 FOR DESC.
		68.136					43.007			

F.B. 2403 P.G. 54

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather PART CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-79 To T.B.M. A-59
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.672		170		#11	7.722		177		T.B.M. A-79
	2.502		167			7.545		174		EMERSON AVE & NEW AVE, S.E. COR.
1	2.335		337			7.371		351		B. SPK. IN CURB 14 FT. S. OF S. END C.R.
	7.509	2.503		.337	54°	22.638	7.546		351	
	4.901		183			6.177		186		
	4.718		181			5.991		182		
2	4.537		364			5.809		368		T J. Moody
	14.156	4.719		.721		18.977	5.992		.719	
	4.978		190			6.242		190		
	4.788		190			6.052		189		
3	4.598		380			5.863		379		
	14.364	4.788		1.081		18.157	6.052		1.098	
	4.918		180			6.385		186		
	4.738		180			6.199		183		
4	4.558		360			6.016		369		
	14.214	4.738		1.451		18.600	6.200		1.467	
	4.358		188			6.635		190		
	4.170		188			6.445		187		
5	3.982		376			6.258		377		
	12.510	4.170		1.887		19.338	6.446		1.844	
		20.918					32.236			

F.B. 2403 P.G. 44

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather PART-CLOUDY Inst. No. 50010
Time 10:50 TO 12:05 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-79 To T.B.M. A-59
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.371	20.918	192	1.877		8.363	32.236	185	1.844	
	4.179		188			8.178		182		
	3.991		380			7.996		367		
6	12.541	4.180		2.877		24.537	8.179		2.211	
	1.422		185			8.002		184		
	1.237		185			7.818		183		
	1.052		370			7.635		367		
7	3.711	1.237		2.577		23.455	7.818		2.578	
	3.764		185			7.561		189		
	3.579		182			7.372		185		
	3.397		367			7.187		374		
8	10.740	3.580		2.954		22.120	7.373		2.952	
	0.984		185			8.003		184		
	0.799		184			7.819		183		
	0.615		369			7.636		367		
9	2.398	0.799		3.323		23.458	7.819		3.319	
	0.991		168			11.771		163		
	0.823		166			11.608		159		
	0.657		334			11.449		322		
10	2.471	0.824		3.647		34.828	11.609		3.641	
		31.538					75.034			

F.B. 2403 P.G. 56

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 12:00 Rod No. 11 & 12

Name L.A.Co. PRECISE LEVEL NET
Job No. 0.301.02
From T.B.M. A-79 To T.B.M. A-59
Date 4-11-56
Indexed ~~K. C. Johnson~~

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1,394	31.538	123	3.647		8,697	75.034	095	3.641	T.B.M. A-59
	1,271		123			8,602		094		N.E. COR EMERSON AVE & DEL MAR AVE
	1,148		246			8,508		189		B. SPK. IN CURB 21 FT. N. OF N.
11	3,813	1,271		3.893		25,807	8.602		3.830	END OF CURB RETURN
									3.893	
									7.723	
									= 0.50 mi.	
										SUMMATION OF RUN T.B.M. A-79 TO T.B.M. A-59
										TOTAL BACKSIGHTS + 32.809
										TOTAL FORESIGHTS - 83.636
										DIFF IN ELEVATION - 50.827
		32.809					83.636			

F.B. 2403 P.G. 57

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-59 To T.B.M. A-79
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.288		107		#11	0.951		106		T.B.M. A-59
	8.181		106			0.845		106		EMERSON PL. & DEL MAR AVE.
	8.075		213			0.739		212		B. SPK. IN CURB FT. N. OF
1	24.544	8.181		.213	60°	2.535	0.845		.212	N. END CURB RETURN
	11.858		166			1.078		167		
	11.692		163			0.911		165		
	11.529		329			0.746		33X		
2	35.079	11.693		.542		2.735	0.912		.543	
	8.039		186			1.019		184		
	7.853		182			0.835		184		
	7.671		368			0.651		368		
3	23.563	7.854		.910		2.505	0.835		.921	
	7.629		190			3.831		186		
	7.439		186			3.645		184		
	7.253		376			3.461		370		
4	22.321	7.440		1.286		10.937	3.646		1.274	
	8.258		184			1.676		184		
	8.074		182			1.492		188		
	7.892		366			1.304		372		
5	24.224	8.075		1.652		4.472	1.491		1.663	
		43.243					7.729			

F.B. 403 P.G. 58

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN CLOUDS Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:30 Rod No. 11 & 12

Name L.A. Co. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. A-59 To TBM. A-79
Date 4-11-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8401	43.243	186	1.652		4408	7.729	191	1.65 54	
	8215		183			4217		189		
	8032		369			4028		380		
6	24.648	8.216		2021		12.653	4.218		2034	
	6622		190			4339		186		
	6432		189			4153		185		
	6243		379			3968		371		
7	19297	6.432		2406		12.460	4.153		2405	
	6375		183			4911		182		
	6192		183			4729		180		
	6009		366			4549		362		
8	18576	6.192		2766		14.189	4.730		2767	
	6235		190			4968		190		
	6045		189			4778		190		
	5856		379			4588		380		
9	18136	6.045		3145		14334	4.778		3147	
	6019		183			4750		187		
	5836		182			4563		184		
	5654		365			4379		371		
10	17509	5.836		3510		13692	4.564		3518	
		75.964					30.17			

F.B. 2403 P.G. 59

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather thin clouds Inst. No. 50010
Notes by G. E. DREIER Time 1:00 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. A-59 To T.B.M. A-79
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7647	75.964	178	3510		2597	32.17	169	3527	T.B.M. A-79
	7469		175			2428		169		EMERSON AVE & NEW AVE S.E. COR
	7294		353			2259		338		B.SPK. IN CURB 14 ft S. END C.R.
11	22410	7.470		3863		7284	2.428		3865	
										SUMMATION of RUN
										T.B.M. A-59 to T.B.M. A-79
										TOTAL BACKSIGHTS + 83.434
										" FORE " − 32.599
										DIFF IN ELEV. + 50.835
		83.434					32.599			

F.B. 2403 P.G. 60

600

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: PART CLOUDY Inst. No. 50010
Notes by: G. E. DREIER Time: 3:00 TO 4:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: T.B.M. A-59 To: B.M. 31-24
Date: 4-11-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.261		138			6.942		139		T.B.M. A-59
	5.123		135			6.803		136		EMERSON PL. & DEL MAR AVE, N.E. COR.
	4.988		273			6.667		275		B. SPK IN CURB 21.5 FT. N. OF N. END OF R.
1	15.372	5.124		.273		20.412	6.804		.275	
	4.614		208			6.439		206		
	4.406		208			6.233		202		T J. Moody
	4.198		416			6.031		408		
2	13.218	4.406		.689		18.703	6.234		.683	
	4.573		200			5.791		206		
	4.373		202			5.585		203		
	4.171		402			5.382		409		
3	13.117	4.372		1.091		16.758	5.586		1.092	
	4.735		203			6.999		196		
	4.532		200			6.803		194		
	4.332		403			6.609		390		
4	13.599	4.533		1.494		20.411	6.804		1.482	
	5.339		102			4.482		091		
	5.237		100			4.391		092		
	5.137		202			4.299		183		
5	15.713	5.238		1.696		13.172	4.391		1.665	
		23.673					29.819			

+23.673
- 29.819
- 6.146

F.B. 24403 P.G. 61

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From T.B.M. A-59 To B.M. 31-24
Date 4-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1.696					1.665	B.M. 31-22 S. ENTRANCE TO GARVEY MEMORIAL PARK 97½ FT N. OF ℄ EMERSON PL. A STD. C.S. BRASS CAP INSCRIBED
	7.368		169			4.046		174		"COUNTY SURVEYOR N.767.03 E.1000.00 ELEV 299.110 R.E 2177" SEE F.B. 1397-28
	7.199		168			3.872		172		
	7.031		337			3.700		346		
6	21.598	7.199		2.033		11.618	3.873		2.011	+ 7.199 - 3.873 + 3.326
										B.M. 31-23 S. ENTRANCE TO GARVEY MEMORIAL PARK 330.2 FT. N. OF ℄ EMERSON PL. C.S. BRASS CAP WITH BUTTON INSCRIBED
	4.012		171			7.339		170		"COUNTY SURVEYOR N 1000 E 1000 ELEV. 302.427 RE 2177" SEE F.B. 1397-28
	3.841		168			7.169		172		
	3.673		339			6.997		342		
7	11.526	3.842		2.372		21.505	7.168		2.353	
	4.151		189			8.859		180		
	3.962		186			8.679		177		
	3.776		375			8.502		357		
8	11.889	3.963		2.747		26.040	8.680		2.710	
		7.805					15.848			

F.B. 2403 P.G. 62

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 500010
Notes by G. E. DREIER Time 11:00 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. A-59 To B.M. 31-24
Date 4-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.501	7.805	099	2747		8.925	15.848	102	2.710	
	0.402		099			8.823		098		
	0.303		198			8.725		200		
9	1.206	0.402		2.945		26.473	8.824		2.910	
	4.811		182			6.099		187		
	4.629		178			5.912		189		
	4.451		360			5.723		376		
10	13.891	4.630		3.305		17.734	5.911		3.286	
	4.999		177			6.088		174		
	4.822		176			5.914		173		
	4.646		353			5.741		347		
11	14.467	4.822		3.658		17.743	5.914		3.633	
	9.748		230			7.182		214		
	9.518		233			6.968		215		
	9.285		463			6.753		429		
12	28.551	9.517		4.121		20.903	6.968		4.062	
	1.061		194			6.023		202		
	0.867		196			5.821		202		
	0.671		390			5.619		404		
13	2.599	0.866		4.511		17.463	5.821		4.466	
		28.042					49.288			

F.B. 2403 P.G. 63

6

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 11:00 TO 12 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From T.B.M. A-59 To B.M. 31-24
Date 4-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.296	28.042	222	4511		6.543	4[illegible]8 6	212	4.466	+ 33.117
	5.074		220			6.331		212		- 55.617
	4.854		442			6.119		424		- 22.500
14	15.224	5.075		4.953		18.993	6.331		4.890	
		33.117					55.617			T.B.M. WM 27 EMERSON PL. & SAN GABRIEL BLVD, S.W.COR., B. SPK IN CURB 10 FT. S. OF S. END CURB RETURN
	5.592		069			5.619		082		+5.523
	5.523		068			5.537		082		-5.537
	5.455		137			5.455		164		-0.014
15	16.570	5.523		5.090		16.611	5.537		5.054	B.M. 31-24 SAN GABRIEL BLVD. & EMERSON PL. ℄ INTERSECTION STD. C.S MON 12" DEEP WITH COVER SEE F.B. 1397-29

F.B. 2403 P.G. 64

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NP
Job No. 0.30102
From B.M. 31-24 To T.B.M. A-59
Date 4-13-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.668 5.583 5.499 16.750	5.583	085 084 169	.169	#11	5.651 5.571 5.491 16.713	5.571	080 080 160	.160	B.M. 31-24 EMERSON PL. & SAN GABRIEL BLVD, & INTERSECTION, A STD. C.S MON. 12" DEEP SEE F.B. 1397-29
										+5.583 -5.571 +0.012 T.B.M. WM 27 EMERSON PL. & SAN GABRIEL BLVD S.W. COR., B.SPK IN CURB 10 FT
2	6.391 6.177 5.963 18.531	6.177	214 214 428	.597		5.138 4.918 4.698 14.754	4.918	220 220 440	.600	S. OF S. END CURB RETURN
3	6.003 5.799 5.597 17.401	5.800	204 200 404	1.001		1.042 0.847 0.652 2.541	0.847	195 195 390	.990	
4	7.257 7.041 6.828 21.126	7.042	216 213 429	1.430		9.823 9.598 9.371 28.792	9.597	225 227 452	1.442	
		19.019					15.362			

F.B. 2403 P.G. 5

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No 50010
Notes by G. E. DREIER Time 11:00 TO 2:00 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-24 To T.B.M. A-59
Date 4-13-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.048	6.019	174	1.430		4.959	4.962	177	1.442	
	5.874		172			4.782		178		
	5.702		346			4.604		355		
5	17.624	5.875		1.776		14.345	4.782		1.797	
	6.168		190			4.879		180		
	5.978		187			4.699		178		
	5.791		377			4.521		358		
6	17.937	5.979		2.153		14.099	4.700		2.155	
	8.951		103			0.522		096		
	8.848		101			0.426		095		
	8.747		204			0.331		191		
7	26.546	8.849		2.357		1.279	0.426		2.346	
	8.834		181			4.131		188		
	8.653		180			3.943		186		
	8.473		361			3.757		374		
8	25.960	8.653		2.718		11.831	3.944		2.720	
	7.402		171			4.074		173		+ 55.607
	7.231		169			3.901		170		- 33.116
	7.062		340			3.731		343		+ 22.491
9	21.695	7.232		3.058		11.706	3.902		3.063	
		55.607					33.116			

F.B. 2403 P.G. 66

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 8:10 to 9:40 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-24 To T.B.M. A-59
Date 4-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				3.058					3.063	B.M. 31-23 GARVEY MEMORIAL PARK SEE F.B. 1397-28 FOR DESC
10	4.066 3.895 3.722 11.683	3.894	171 173 344	3.402		7.391 7.220 7.051 21.662	7.221	171 169 340	3.403	+3.894 - 7.221 - 3.327
										B.M. 31-22 GARVEY MEMORIAL PARK SEE F.B. 1397-28 FOR DESC.
11	4.441 4.343 4.247 13.031	4.344	098 096 194	3.596		5.285 5.189 5.095 15.569	5.190	096 094 190	3.593	
12	7.219 7.023 6.831 21.073	7.024	196 192 388	3.984		4.958 4.757 4.555 14.270	4.757	201 202 403	3.996	
		11.368					9.947			

F.B. 2403 P.G. 67

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 500.10
Notes by G. E. DREIER Time 8:10 TO 8:40 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 31-24 To T.B.M. A-59
Date 4-13-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.848	11.368	206	3.984		4.636	[illegible]	204	3.996	
	5.642		203			4.432		200		
	5.439		409			4.232		404		
13	16.929	5.643		4.393		13.300	4.433		4.400	
	6.519		205			4.692		210		+ 30.201
	6.314		203			4.482		209		- 24.054
	6.111		408			4.273		419		+ 6.147
14	18.944	6.315		4.801		13.447	4.482		4.819	
	7.014		139			5.331		136		T.B.M. A-59
	6.875		138			5.195		136		EMERSON PL. & DEL MAR AVE
	6.737		277			5.059		272		B. SPK IN CURB 21.5 FT. N. OF
15	20.626	6.875		5.578		15.585	5.195		5.591	N. END CURB RETURN
		30.201					24.057			

F.B. 2403 P.G. 68

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:55 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 31-24 To B.M. 1-26
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.558		190		#11	4.267		176		B.M. 31-24
	7.368		189			4.091		178		EMERSON PL. & SAN GABRIEL BLVD.
	7.179		379			3.913		354		SEE F.B. 1397-24 FOR DESC.
1	22.105	7.368		.379	60°	12.271	4.090		354	
	7.038		191			3.631		185		
	6.847		189			3.446		187		
	6.658		380			3.259		372		T. J. MOODY
2	20.543	6.848		.759		10.336	3.445		.726	
	7.413		192			3.790		189		
	7.221		190			3.601		185		
	7.031		382			3.416		374		
3	21.665	7.222		1.141		10.807	3.602		1.100	
	6.787		189			4.655		190		
	6.598		190			4.465		190		
	6.408		379			4.275		380		
4	19.793	6.598		1.520		13.395	4.465		1.480	
	6.912		237			3.843		258		
	6.675		236			3.585		256		+ 34.711
	6.439		473			3.329		514		- 19.188
5	20.026	6.675		1.993		10.757	3.586		1.994	+ 15.523
		34.711					19.188		1.993 / 3.987 = 0.26 mil.	

F.B. 2403 P.G. 65

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 31-24 To B.M. 1-26
Date 4-16-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1.993					1.994	B.M. 31-25, STATE HWY B.M., SAN GABRIEL BLVD. & HELLMAN AVE, BRASS DISC IN S. END OF CURB OF CENTER DIVIDER
6	5.901 5.708 5.519 17.128	5.709	193 189 382	2.375		7.538 7.346 7.157 22.041	7.347	192 189 381	2.375	
7	3.215 3.029 2.847 9.091	3.030	186 182 368	2.743		10.433 10.230 10.029 30.692	10.231	203 201 404	2.779	
8	2.818 2.624 2.433 7.875	2.625	194 191 385	3.128		5.631 5.447 5.262 16.340	5.447	184 185 369	3.148	
9	8.322 8.134 7.950 24.406	8.135	188 184 372	3.500		0.799 0.609 0.421 1.829	0.610	190 188 378	3.526	
		19.499					23.635			

F.B. 2403 P.G. 70

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No 50910
Notes by G. E. DREIER Time 10:00 TO 11:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 03.01.02
From B.M. 31-24 To B.M. 1-26
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11.886	19.499	187	3.500		0.644	23.635	169	3.526	
	11.699		184			0.475		170		
	11.515		371			0.305		339		
10	35.100	11.700		3.871		1.424	0.475		3.865	
	9.682		189			6.882		184		
	9.493		191			6.698		186		
	9.302		380			6.512		370		
11	28.477	9.492		4.251		20.092	6.697		4.235	
	6.971		188			4.824		185		
	6.783		185			4.639		182		
	6.598		373			4.457		367		
12	20.352	6.784		4.624		13.920	4.640		4.602	
	6.889		191			4.442		191		
	6.698		189			4.251		189		
	6.509		380			4.062		380		
13	20.096	6.699		5.004		12.755	4.252		4.982	
	6.611		185			4.185		184		
	6.426		182			4.001		182		
	6.244		367			3.819		366		
14	19.281	6.427		5.371		12.005	4.002		5.348	
		60.601					43.701			

F.B. 2403 P.G. 71

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 81-24 To B.M. 1-26
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.919	6.601	184	5.371		4.281	4.051	183	5.348	
	6.735		182			4.098		185		
	6.553		366			3.913		368		
15	20.207	6.736		5.737		12.292	4.097		5.716	
	7.159		200			4.127		192		
	6.959		200			3.935		190		
	6.759		400			3.745		382		
16	20.877	6.959		6.137		11.807	3.936		6.098	
	7.214		195			4.199		196		
	7.019		191			4.003		196		
	6.828		386			3.807		392		
17	21.061	7.020		6.523		12.009	4.003		6.490	
	6.692		181			4.231		181		
	6.511		183			4.050		180		
	6.328		364			3.870		361		
18	19.531	6.510		6.887		12.151	4.050		6.851	
	6.748		172			4.398		175		
	6.576		169			4.223		171		
	6.407		341			4.052		346		
19	19.731	6.577		7.228		12.673	4.224		7.197	
		94.403					64.011			

F.B. 2403 P.G. 72

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: THIN OVERCAST Inst. No. 5001.0
Notes by: G.E. DREIER Time: 10:00 TO 11:55 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From: B.M. 31-24 To: B.M. 1-26
Date: 4-16-56
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.367	94.403	116	7.228		6.657	64.011	118	7.197	+100.655
	6.251		114			6.539		117		- 70.550
	6.137		230			6.422		235		+ 30.105
20	18.755	6.252		7.458	65°	19.618	6.539		7.432	B.M. 1-26 (EL MONTE B-3)
		100.655					70.550		7.458 14.890 ÷0.96 m	SAN GABRIEL BLVD. & VALLEY BLVD. SEE F.B. 1202-30 FOR DESC.
										SUMMATION OF RUN
							DIFF IN			ELEV. B.M. 31-24 TO STATE HWY BM. +15.523
							"	"	"	STATE HWY B.M. TO 1-26 +30.105
							"	"	"	B.M. 31-24 TO 1-26 +45.628

F.B. 2403 P.G. 73

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From B.M. 1-26 To B.M. 31-24
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.649		117		#11	6.358		116		B.M. 1-26 (EL MONTE B-3)
	6.532		117			6.242		114		SAN GABRIEL BLVD. & VALLEY BLVD.
	6.415		234			6.128		230		SEE F.B. 1202-30 FOR DESC.
1	19.596	6.532		.234		18.728	6.243		.230	
	4.385		173			6.742		171		
	4.212		171			6.571		172		
	4.041		344			6.399		343		π J. MOODY
2	12.638	4.213		.578		19.712	6.571		.573	
	4.200		181			6.659		180		
	4.019		181			6.479		181		
	3.838		362			6.298		361		
3	12.057	4.019		.940		19.436	6.479		.934	
	4.147		199			7.163		195		
	3.948		195			6.968		194		
	3.753		394			6.774		389		
4	11.848	3.949		1.334		20.905	6.968		1.323	
	4.188		193			7.216		199		
	3.995		191			7.017		198		
	3.804		384			6.819		397		
5	11.987	3.996		1.718		21.052	7.017		1.720	
		22.709					33.278			

F.B. 2403 PG. 74

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-FOG Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL
Job No. 03.01.02
From B.M. 1-26 To B.M. 31-24
Date 4-16-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.273	22.709	185	1.718		6.912	33.278	184	1.720	
	4.088		185			6.728		183		
	3.903		370			6.545		367		
6	12.264	4.088		2.088		20.185	6.728		2.087	
	4.463		184			6.891		183		
	4.279		180			6.708		182		
	4.099		364			6.526		365		
7	12.841	4.280		2.452		20.125	6.708		2.452	
	4.495		191			6.938		190		
	4.304		190			6.748		189		
	4.114		381			6.559		379		
8	12.913	4.304		2.833		20.245	6.748		2.831	
	4.829		183			6.978		187		
	4.646		184			6.791		189		
	4.462		367			6.602		376		
9	13.937	4.646		3.200		20.371	6.790		3.207	
	6.913		185			9.717		192		
	6.728		186			9.525		190		
	6.542		371			9.335		382		
10	20.183	6.728		3.571		28.577	9.526		3.589	
		46.755					69.778			

F.B. 24003 P.G. 75

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Foggy [illegible] Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-26 To B.M. 31-24
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.649	46.755	170	3.571		11.889	69.[illegible]8	187	3.589	
	0.479		170			11.702		185		
	0.309		340			11.517		372		
11	1.437	0.479		3.911		35.108	11.703		3.961	
	0.772		191			8.294		185		
	0.581		189			8.109		185		
	0.392		380			7.924		370		
12	1.745	0.582		4.291		24.327	8.[illegible]09		4.331	
	5.679		194			2.847		185		
	5.485		190			2.662		183		
	5.295		384			2.479		368		
13	16.459	5.486		4.675		7.988	2.663		4.699	
	10.368		196			3.167		193		
	10.172		193			2.974		193		
	9.979		389			2.781		386		
14	30.519	10.173		5.064		8.922	2.[illegible]74		5.085	
	7.514		193			5.875		188		
	7.321		192			5.687		187		
	7.129		385			5.500		375		
15	21.964	7.321		5.449		17.062	5.[illegible]87		5.460	
		70.796					100.914			

F.B. 2403 P.G. 76

+ 70.796
- 100.914
- 30.118

5449
10.909
= 0.70 mi.

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather FOGGY OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-26 To B.M. 31-24
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				5.449					5.460	B.M. 31-25, STATE HWY B.M., SAN GABRIEL BLVD & HELLMAN AVE. BRASS DISK IN S. END OF CURB OF CENTER DIVIDER
16	3.988 3.738 3.491 11.217	3.739	250 247 497	5.946		7.077 6.827 6.581 20.485	6.828	250 246 496	5.956	
17	4.708 4.518 4.327 13.553	4.518	190 191 381	6.327		6.830 6.639 6.451 19.920	6.640	191 188 379	6.335	
18	4.012 3.825 3.638 11.475	3.825	187 187 374	6.701		7.633 7.441 7.251 22.325	7.442	192 190 382	6.717	
19	3.705 3.519 3.334 10.558	3.519	186 185 371	7.072		7.113 6.921 6.731 20.765	6.922	192 190 382	7.099	
		15.601					27.832			

F.B. 2403 P.G. 77

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVER Inst. No 50010
Notes by G. E. DREIER Time 1:00 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 1-26 To B.M. 31-24
Date 4-16-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.251	15.601	181	7.072		7.529	27.[illegible]2	186	7.099	+ 19.671
	4.070		181			7.343		185		- 35.175
	3889		362			7.158		371		- 15.504
20	12.210	4.070		7.434		22.030	7.343		7.470	B.M. 31-24
		19.671					35.175			EMERSON PL. & SAN GABRIEL BLVD. ℄ INTERSECTON SEE F.B. 1397

F.B. 2403 P.G. 78

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: THIN OVERCAST Inst. No. 60010
Notes by: G. E. DREIER Time: 2:50 TO 3:15 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 31-24 To: B.M. 31-25
Date: 4-16-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.519		186		#11	4.242		181		B.M. 31-24
	7.333		183			4.061		180		EMERSON AVE & SAN GABRIEL BLVD.
	7.150		369			3.881		361		℄ INTERSECTION
1	22.002	7.334		.369	63°	12.184	4.061		.361	
	7.139		191			3.733		185		
	6.948		189			3.548		187		
	6.759		380			3.361		372		↑ J. MOODY
2	20.846	6.949		.749		10.642	3.547		.733	
	7.618		193			3.997		188		
	7.425		192			3.809		187		
	7.233		385			3.622		375		
3	22.276	7.425		1.134		11.428	3.809		1.108	
	6.789		190			4.668		192		+35.130
	6.599		188			4.476		189		-19.625
	6.411		378			4.287		381		+15.505
4	19.799	6.600		1.512		13.431	4.477		1.489	
	7.071		250			3.979		248		B.M. 31-25, STATE Hwy B.M.
	6.821		246			3.731		249		SAN GABRIEL BLVD. &
	6.575		496			3.482		497		HELLMAN AVE, BRASS DISC
5	20.467	6.822		2.008		11.192	3.731		1.986	IN S. END OF CURB OF CENTER
		35.130					19.625		2.008	DIVIDER
									3.994	
									= .026 MI.	

F.B. 403 P.G. 75

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No. 50010
Notes by Time Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2403 P.G. 80										

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. Moody Time 8:15 to 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-26 To BM 1-27
Date 4-17-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8337		190		#11	4967		185		BM 1-26 (EL MONTE B-3)
	8147		190			4782		184		SAN GABRIEL BL. & VALLEY BL.
	7957		380			4598		369		SEE F.B. 1202-34 FOR DESC.
1	24441	8.147		380	58°	14347	4.782		.369	
	6032		186			3659		189		
	5846		185			3470		189		⊼ G.E. DREIER
	5661		371			3281		378		
2	17539	5.846		751		10410	3.470		.747	
	6413		196			4083		195		
	6217		197			3888		196		
	6020		393			3692		391		
3	18650	6.217		1.144		11663	3.888		1.138	
	6893		196			3379		200		
	6697		195			3179		200		
	6502		391			2979		400		
4	20092	6.697		1.535		9537	3.179		1.538	
	7027		200			4128		197		
	6827		196			3931		198		
	6631		396			3733		395		
5	20485	6.828		1.931		11792	3.931		1.933	
		33.735					19.250			

F.B. 1203 P.G. 81

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. Moody Time 8:15 to 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 1-26 To BM 1-27
Date 4-17-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6403	33.735	197	1931		4062	19.250	193	1933	
	6206		196			3869		192		
	6010		393			3677		385		
6	18619	6.206		2324		11.608	3.869		2318	
	6863		193			3768		197		
	6670		194			3571		197		
	6476		387			3374		394		
7	20009	6.670		2711		10.713	3.571		2712	
	6319		199			3607		198		
	6120		195			3409		197		
	5925		394			3212		395		
8	18364	6.121		3105		10.228	3.409		3107	
	6622		195			4166		195		
	6427		195			3971		194		
	6232		390			3777		389		
9	19281	6.427		3495		11.914	3.971		3496	
	7122		195			4220		192		
	6927		195			4028		191		
	6732		390			3837		383		
10	20781	6.927		3885		12.085	4.028		3879	
		46.086					38.098			

F.B. 2403 P.G. 82

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by J. A. MOODY Time 8:15 to 9:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 1-26 To BM 1-27
Date 4-17-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6891	66.086	198	3885		3808	38.096	199	3879	
	6693		195			3609		198		
	6498		393			3411		397		
11	20082	6.694		4278		10828	3.609		4276	
	6691		198			4198		199		
	6493		198			3999		196		
	6295		396			3803		395		
12	19479	6.493		4674		12000	4.000		4671	SUMMATION OF RUN
	6743		195			4178		199		BM 1-26 to BM 1-27
	6548		196			3979		197		TOTAL BACKSIGHTS +98.595
	6352		391			3782		396		" FORE −58.532
13	19643	6.548		5065		11939	3.980		5067	DIFF IN ELEV. +40.063
	6435		198			3758		196		
	6237		198			3562		194		
	6039		386			3368		390		
14	18711	6.237		5451		10688	3.563		5457	
	6698		161			5450		166		BM 1-27 (EL MONTE B-2)
	6537		161			5284		165		SAN GABRIEL BL. & MISSION DR.
	6376		322			5119		331		SEE F.B. 1202-31 FOR DESC.
15	19611	6.537		5783		15853	5.284		5788	
		98.595 −					58.532		5783	
									11.571	
									= 0.74 mi.	

F.B. 2403 P.G. 83

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J.A. MacDy Time 11:10 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From BM 1-27 To BM 1-26
Date 4-17-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5477		166			6720		161		BM 1-27 (ELMONTE B-2)
	5311		165			6559		162		SAN GABRIEL BL. & MISSION DR
	5146		331			6397		323		SEE F.B. 1202-31 FOR DESC.
1	15934	5311		331		19676	6559		323	
	3713		195			6392		198		
	3518		195			6194		197		T G.E. DREIER
	3323		390			5997		395		
2	10554	3518		721		18583	6194		718	
	3868		199			6431		196		
	3669		198			6235		195		
	3471		397			6040		391		
3	11008	3669		1118		18706	6235		1109	
	4189		198			6687		201		
	3991		194			6486		197		
	3797		392			6289		398		
4	11977	3992		1510		19462	6487		1507	
	4101		199			7186		198		
	3902		198			6988		197		
	3704		397			6791		395		
5	11707	3902		1907		20965	6988		1902	
		20392					32063			

F.B. 2403 P.G. 84

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather overcast Inst. No 50010
Notes by J. Amoody Time 11:10 to 12:00 Rod No. 118/12

Name L. A. CO. PRECISE LEVEL NET
Job No 03.01.02
From BM 1-27 To BM 1-26
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4545	20.392	192	1907		7450	32.463	195	1902	
	4353		191			7255		195		
	4162		383			7060		390		
6	13060	4.353		2290		21765	7.255		2292	
	4120		196			6572		195		
	3924		193			6377		197		
	3731		389			6180		392		
7	11775	3.925		2679		19129	6376		2684	
	4368		199			7079		197		
	4169		198			6882		194		
	3971		397			6688		391		
8	12508	4.169		3076		20649	6883		3075	
	3789		199			6883		194		
	3590		198			6689		196		
	3392		397			6493		390		
9	10771	3590		3473		20065	6688		3465	
	4038		194			6382		198		
	3844		192			6184		196		
	3652		386			5988		394		
10	11534	3.845		3859		18554	6185		3859	
		40.274					65.850			

F.B. 2403 P.G. 85

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by J. AMADDY Time 11:10 to 12:00 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From BM 1-27 To BM 1-26
Date 4-17-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3578	40.274	197	3859		6477	65850	199	3859	
	3381		196			6278		198		
	3185		393			6080		397		
11	10144	3.381		4252		18835	6.278		4256	
	3478		200			6997		198		
	3278		199			6799		196		
	3079		399			6603		394		
12	9835	3278		4651		20399	6800		4650	SUMMATION of RWI
	4071		196			6397		198		BM 1-27 to 1-26
	3875		195			6199		196		TOTAL BACKSIGHTS +59.024
	3680		391			6003		394		" FORE " -99.085
13	11626	3.875		5042		18599	6200		5044	DIFF IN ELEV. -40.061
	3611		188			5988		188		
	3423		187			5800		184		
	3236		375			5616		372		
14	10270	3.423		5417		17404	5801		5416	
	4979		186			8345		189		BM 1-26 (EL MONTE B-2)
	4793		185			8156		189		SAN GABRIEL BL. & VALLEY BL.
	4608		371			7967		378		SEE F.B. 1202 - FOR DESC.
15	14380	4.793		5788		24468	8.156		5794	
		59.024					99.085			

F.B. 403 PG. 86

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 to 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 1-27 To BM 1-28
Date 4-17-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.128		210		#11	5.299		203		BM 1-27 (EL MONTE 3-2)
	6.918		207			5.096		203		SAN GABRIEL BL. & MISSION DR.
	6.711		417			4.893		406		SEE F.B. 1202-31 FOR DESC.
1	20.757	6.919		.417	60°	15.288	5.096		406	
	7.647		200			4.336		200		
	7.447		200			4.136		200		
	7.247		400			3.936		400		J. MOODY
2	22.341	7.447		.817		12.408	4.136		.806	
	7.901		201			2.688		198		
	7.700		200			2.490		198		
	7.500		401			2.292		396		
3	23.101	7.700		1.218		7.470	2.490		1.202	
	9.187		202			2.150		199		
	8.985		200			1.951		198		
	8.785		402			1.753		397		
4	26.957	8.986		1.620		5.854	1.951		1.599	
	7.959		197			3.308		190		
	7.762		194			3.118		191		
	7.568		391			2.927		381		
5	23.289	7.763		2.011		9.353	3.118		1.980	
		38.815					16.791			

F.B. 2403 P.G. 87

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-27 To B.M. 1-28
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.811	38.815	193	2011		3.355	16.491	200	1,980	
	7.618		190			3.155		200		
	7.428		383			2.955		400		
6	22.857	7.619		2,394		9.465	3.155		2380	
	8.491		196			3.459		198		
	8.295		196			3.261		199		
	8.099		392			3.062		397		
7	24.885	8.295		2786		9.782	3.261		2,777	
	5.539		186			7.901		198		
	5.353		187			7.703		195		
	5.166		373			7.508		393		
8	16.058	5.353		3159		23.112	7.704		3,170	
	4.665		201			6.673		200		
	4.464		197			6.473		198		
	4.267		398			6.275		398		
9	13.396	4.465		3.557		19.421	6.474		3.568	
	4.841		199			6.451		193		
	4.642		198			6.258		195		
	4.444		397			6.063		388		
10	13.927	4.642		3954		18.772	6.257		3.956	
		69.189					43.672			

F.B. 2403 P.G. 88

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:25 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 1-27 To B.M. 1-28
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5161	69.189	126	3.954		6653	43.642	122	3.956	
	5.035		124			6.531		123		B.M. 1-28 (U.S. 2638) (L.A.Co.F.C 58-14)
	4.911		250			6.408		245		S.P. R.R. & RUBIO WASH
11	15.107	5.036		4.204		19.592	6.531		4.201	SEE F.B. 1202-32 FOR DESC.
									4.204	
									8.405	
									= 0.54 mi.	
										SUMMATION OF RUN
										B.M. 1-27 TO B.M. 1-28
										TOTAL BACKSIGHTS + 74.225
										TOTAL FORESIGHTS - 50.173
										DIFF IN ELEVATION + 24.052
										F.B. 2403 P.G. 87
		74.225					50.173			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-28 To B.M. 1-27
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.651		122		#11	5.153		124		B.M. 1-28 (U.S. 2638) (LAC. FC 58-14)
	6.529		124			5.029		126		S.P. R.R. & RUBIO WASH
	6.405		246			4.903		250		SEE F.B. 1202-32 FOR DESC
1	19.585	6.528		.246		15.085	5.028		.250	
	6.427		194			4.827		199		
	6.233		194			4.628		197		T J. MOODY
	6.039		388			4.431		396		
2	18.699	6.233		.634		13.886	4.629		.646	
	6.639		198			4.639		202		
	6.441		199			4.437		198		
	6.242		397			4.239		400		
3	19.322	6.441		1.031		13.315	4.438		1.046	
	7.829		198			5.478		189		
	7.631		194			5.289		188		
	7.437		392			5.101		377		
4	22.897	7.632		1.423		15.868	5.289		1.423	
	3.423		198			8.451		197		
	3.225		197			8.254		195		
	3.028		395			8.059		392		
5	9.676	3.225		1.818		24.764	8.255		1.815	
		30.059					27.639			

F.B. 2403 P.G. 90

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-28 To B.M. 1-27
Date 4-17-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.405	30.059	200	1.818		7.863	27.639	192	1.815	
	3.205		200			7.671		192		
	3.005		400			7.479		384		
6	9.615	3.205		2.218		23.013	7.671		2.199	
	3.859		190			8.511		196		
	3.669		189			8.315		196		
	3.480		379			8.119		392		
7	11.008	3.669		2.597		24.945	8.315		2.591	
	2.150		198			9.191		203		
	1.952		196			8.988		201		
	1.756		394			8.787		404		
8	5.858	1.953		2.991		26.966	8.989		2.995	
	2.559		200			7.773		202		
	2.359		197			7.571		200		
	2.162		397			7.371		404		
9	7.080	2.360		3.388		22.715	7.572		3.399	
	4.407		200			7.722		200		
	4.207		200			7.522		199		
	4.007		400			7.323		399		
10	12.621	4.207		3.788		22.567	7.522		3.798	
		45.453					67.708			

F.B. 2403 P.G. 91

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVER... Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 03.01.02
From B.M. 1-28 To B.M. 1-27
Date 4-17-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.497	5.453	205	3.788		7.319	7.208	211	3.798	
	5.292		205			7.108		211		B.M. 1-27 (EL MONTE B-2)
	5.087		410			6.897		422		SAN GABRIEL BLVD. & MISSION
11	15.876	5.292		4.198		21.324	7.108		4.220	SEE F.B. 1202-31 FOR DESC.
										SUMMATION OF RUN
										B.M. 1-28 TO B.M. 1-27
										TOTAL BACKSIGHTS +50.745
										TOTAL FORESIGHTS -74.816
										DIF IN ELEVATION -24.071
		50.745					74.816			

F.B. 2403 P.G. 92

76P526 S & E #379 1-54

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Chief of Party B. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 1:30 P.M. to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 1-28 To B.M. 1-27
Date 4-17-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6656		123		#11	5161		125		B.M. 1-28 (U.S.2638)(L.A.Co.F.C.54-18)
	6533		122			5036		125		S.P.R.R. & RUBIO WASH
	6411		245			4911		250		SEE F.B. 1202-32 FOR DESC
1	19600	6.533		245	58°	15108	5.036		250	
	6411		193			4807		199		
	6218		194			4608		197		T J. MOODY
	6624		387			4411		396		
2	18653	6.218		632		13826	4.609		646	
	6578		200			4568		200		
	6378		199			4368		199		
	6179		399			4169		399		
3	19135	6.378		1031		13105	4.368		1645	
	7387		198			5031		189		
	7189		197			4842		186		
	6992		395			4656		375		
4	21568	7.189		1426		14529	4.843		1420	
	3352		200			8378		196		
	3152		198			8182		194		
	2954		398			7988		390		
5	9458	3.153		1834		24548	8.183		1810	
		29.471					27.039			

F.B. 2403 P.G. 23

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCA Inst. No 50010
Notes by T. OHASHI Time 1:30 TO 2:3 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 1-28 To B.M. 1-27
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.398	29.471	200	1.834		7.858	21.39	196	1.810	
	3.198		200			7.662		192		
	2.998		400			7.470		388		
6	9.594	3.198		22.34		22.990	7.663		2198	
	3.811		193			8.452		194		
	3.618		191			8.258		196		
	3.427		384			8.062		390		
7	10.856	3.619		26.88		24.772	8.257		2588	
	2.291		193			9.338		207		
	2.098		189			9.131		209		
	1.909		382			8.922		416		
8	6.298	2.099		38.20		27.391	9.130		3004	
	2.610		199			7.824		202		
	2.411		196			7.622		200		
	2.215		395			7.422		402		
9	7.236	2.412		33.85		22.868	7.623		3406	
	4.354		200			7.668		201		
	4.154		200			7.467		199		
	3.954		400			7.268		400		
10	12.462	4.154		37.85		22.403	7.468		3806	
	44.963					67.180				

F.B. 2403 P.G. 74

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 1:30 to 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 1-28 To BM 1-27
Date 4-17-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5409	44.963	204	3795		7238	67.180	210	3806	
	5205		201			7028		209		B.M. 1-27 (EL MONTE B-2)
	5004		405			6819		419		SAN GABRIEL BLVD. & MISSION DR.
11	15.618	5.206		4280		21.085	7.028		4225	SEE F.B. 1202-31 FOR DESC
		50.169					74.208			
										SUMMATION OF RUN
										B.M. 1-28 TO B.M. 1-27
										TOTAL BACKSIGHTS -74.208
										TOTAL FORESIGHTS +50.169
										DIFF. IN ELEVATION -24.039

F.B. 2403 P.G. 95

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: T. OHASHI Time: 1:30 to 2:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 1-27 To: B.M. 1-28
Date: 4-17-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7188		211			5.359		203		B.M. 1-27 (EL MONTE B-2)
	6977		209			5.156		203		SAN GABRIEL BLVD. & MISSION DR.
	6.768		420			4953		406		SEE F.B. 1202-31 FOR DESC.
1	20933	6.978		.420		15.468	5.156		.406	
	7704		200			4396		200		
	7504		198			4196		200		T. J. MOODY
	7306		398			3996		400		
2	22.514	7.504		.818		12588	4.196		.806	
	7858		200			2644		197		
	7658		200			2497		198		
	7458		400			2249		395		
3	22974	7.658		.1218		7340	2.447		.1201	
	9262		203			2229		198		
	9059		200			2031		196		
	8859		403			1835		394		
4	27.180	9.060		.1621		6.695	2.032		.1595	
	8492		195			3848		194		
	8297		195			3654		191		
	8102		390			3463		385		
5	24891	8.297		.2011		10.965	3.655		.1980	
		39.497					17.486			

F.B. 2403 P.G. 96

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50910
Notes by T. OHASHI Time 3:00 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030107
From BM 1-27 To BM 1-28
Date 4-17-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7718	39.498	191	2.011		3260	17.486	201	1.980	
	7527		192			3059		200		
	7335		383			2859		401		
6	22580	7.527		2.394		9.178	3.059		2.381	
	8455		196			3429		198		
	8259		192			3231		199		
	8067		388			3032		397		
7	24781	8.260		2.782		9.692	3.231		2.778	
	5097		189			7452		197		
	4908		189			7255		196		
	4719		378			7059		393		
8	14724	4.908		3.160		21.766	7.255		3.171	
	4619		200			6627		200		
	4419		199			6427		196		
	4220		399			6231		396		
9	13.258	4.419		3.559		19.285	6.428		3.567	
	4823		200			6431		193		
	4623		196			6238		194		
	4427		396			6044		387		
10	13.873	4.624		3.955		18.713	6.238		3.954	
		69.235					43.697			

F.B. 2403 P.G. 97

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 5A010
Notes by T. OHASHI Time 3:00 to 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVELING
Job No. 0301.02
From BM 1-27 To BM 1-28
Date 4-17-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5157	69.235	126	3.955		6651	42.97	123	3954	BM 1-28 (U.S. 2638) (L.A. Co. F.C. 54-18)
	5031		125			6528		123		S.P.R.R. & RUBIO WASH
	4906		251			6405		296		SEE F.B. 1202-32 FOR DESC.
11	15.094	5.031		4200		19.584	6.528		4200	
										SUMMATION OF RUN
										BM 1-27 to BM 1-28
										Total BACKSIGHTS + 74.266
										" FORE " − 50.225
										DIFF IN ELEV. + 24.041
		74.266					50.225			
		7								

F.B. 2403 P.G. 98

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 11:15 TO 12:00 Rod No. 118 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 1-28 To B.M. 10-1
Date 4-18-56
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6673		122			5179		126		B.M. 1-28 (U.S. 2638) (L.A.Co. F.C. 58-14)
	6.551		122			5.053		125		S.P.R.R. & RUBIO WASH
	6.429		244			4.928		251		SEE F.B. 1202-32 FOR DESC.
1	19.653	6.551		.244		15.160	5.053		251	
	6468		195			4859		197		
	6.273		194			4.662		199		
	6.079		389			4.463		396		
2	18.820	6.273		.633		13.984	4.661		.647	
	6576		199			4.568		201		
	6.377		199			4.367		199		
	6.178		398			4.168		400		
3	19.131	6.377		1.031		13.103	4.368		1.047	
	7.356		198			4.996		187		
	7.158		199			4.809		187		
	6.959		397			4.622		374		
4	21.473	7.158		1.428		14.427	4.809		1.421	
	8.328		201			3.483		200		
	8.127		199			3.283		200		
	7.928		400			3.083		400		
5	24.383	8.128		1.828		9.849	3.283		1.821	
		34.487					22.174			

F.B. 1403 P.G. 55

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL
Job No. 0301.02
From B.M. 1-28 To B.M. 10-1
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6,761	34.487	196	1.828		4.628	22[illegible]4	196	1.821	
	6.565		194			4.432		193		
	6 371		390			4.239		389		
6.	19.697	6.566		2.218		13.299	4.433		2.210	
	6 419		193			5.139		197		
	6.226		191			4.942		194		
	6035		384			4.748		391		
7.	18.680	6.227		2.602		14.829	4.943		2.601	
	6.022		199			5.306		195		
	5.823		195			5.111		198		
	5.628		394			4.913		393		
8	17.473	5.824		2.996		15.330	5.[illegible]0		2.994	
	6.073		165			3879		156		
	5.908		163			3.723		152		
	5.745		328			3.571		308		
9	17.726	5.909		3.324		11.173	3.[illegible]4		3.302	
	8.412		174			4.320		163		+ 67.251
	8.238		175			4.157		164		- 44.541
	8.063		349			3.993		327		+ 22.710
10	24.713	8.238		3.673		12.470	4.[illegible]7		3.629	
		67.251					44.541			

3.673
7.302
= 0.47 mi.

F.B. 403 P.G. 100

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:00 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 1-28 To B.M. 10-1
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				3.673					3.629	F.C. B.M. 58-201 SAN GABRIEL BLVD. & RUBIO WASH S.W. COR., F.C. BRASS DISC ON OUTSIDE OF GAURD RAIL AT S.W. COR OF BRIDGE
11	5.528 5.502 5.475 16.505	5.502	026 027 053	3.726		5.184 5.154 5.125 15.463	5.154	030 029 059	3.688	+5.502 -5.154 +0.348
										F.C. B.M. 58-523 SAN GABRIEL BLVD. & RUBIO WASH N.W. COR., F.C. BRASS DISC OUTSIDE OF GAURD RAIL AT N.W. COR OF BRIDGE
12	6.319 6.115 5.911 18.345	6.115	204 204 408	4.134		3.767 3.565 3.367 10.699	3.566	202 198 400	4.088	
13	9.577 9.379 9.182 28.138	9.379 15.494	198 197 395	4.529		2.733 2.532 2.332 7.597	2.532 6.098	201 200 401	4.489	

F.B. 2403 P.G. 12

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E DREIER Time 1:00 TO 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 03.01.02
From B.M. 1-28 To B.M. 10-1
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.222	15.494	199	4.529		3.252	[illegible]	200	4.489	+ 31.609
	8.023		195			3.052		198		- 12.400
	7.828		394			2.854		398		+ 19.209
14	24.073	8.024		4.923		9.158	3.053		4.887	
	8.302		211			3.485		237		B.M. 10-1 (SIERRA MADRE B-12)
	8.091		212			3.248		234		SAN GABRIEL BLVD. & LAS TUNAS DR.
	7.879		423			3.014		471		SEE F.B. 1375-126 FOR DESC.
15	24.272	8.091		5.346		9.747	3.249		5.358	
		31.609					12.400		5.346	
									10.704	
									=0.69 mi.	

SUMMATION OF RUN

DIFF. IN ELEV.	B.M. 1-28 TO F.C.B.M. 58-201	+ 22.710
" " "	F.C.B.M. 58-201 TO F.C.B.M. 58-523	+ 0.348
" " "	" " 58-523 TO B.M. 10-1	+ 19.209
" " "	B.M. 1-28 TO B.M. 10-1	+ 42.267

F.B. 2403 P.G. 102

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 3:40 TO 3:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-1 To B.M. 1-28
Date 4-18-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	3.589 3.363 3.138 10.090	3.363	226 225 451	.451	#11 59°	8.425 8.205 7.985 24.615	8.205	220 220 440	.440	B.M. 10-1 (SIERRA MADRE B-12) SAN GABRIEL BLVD. & LAS TUNAS DR. SEE F.B. 1375-126 FOR DESC.
2	3.118 2.917 2.719 8.754	2.918	201 198 399	.850		8.089 7.891 7.696 23.676	7.892	198 195 393	.833	T J. MOODY
3	2.648 2.448 2.248 7.344	2.448	200 200 400	1.250		9.491 9.291 9.095 27.877	9.292	200 196 396	1.229	
4	3.794 3.592 3.392 10.778	3.593	202 200 402	1.652		6.350 6.143 5.939 18.432	6.144	207 204 411	1.640	+12.322 -31.533 -19.211
		12.322					31.533			F.C.B.M. 58-523 SAN GABRIEL BLVD. & RUBIO WASH N.W. COR. F.C. BRASS DISC. OUTSIDE OF GAURD RAIL AT N.W. COR. OF BRIDGE

F.B. 2403 P.G. 102

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 8:15 TO 7 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 10-1 To: B.M. 1-28
Date: 4-18-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.145		030	1652		5.489		027	1.640	+ 5.115
	5.115		029			5.462		027		- 5.462
	5.086		059			5.435		054		- 0.347
5	15.346	5.115		1.711		16.386	5.462		1.694	
										F.C. B.M. 58-201 WASH. SAN GABRIEL BLVD & RUBIO S.W. COR., F.C. BRASS DISC OUTSIDE GAURD RAIL AT S.W COR BRIDGE
	4.312		165			8.403		172		
	4.147		164			8.231		173		
	3.983		329			8.058		345		
6	12.442	4.147		2.040		24.692	8.231		2.039	
	3.894		156			6.084		165		
	3.738		154			5.919		161		
	3.584		310			5.758		326		
7	11.216	3.739		2.350		17.761	5.920		2.365	
	5.343		198			6.064		199		
	5.145		194			5.865		197		
	4.951		392			5.668		396		
8	15.439	5.146		2.742		17.597	5.866		2.761	
		13.032					20.017			

F.B. 2403 P.G. 124

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 8:15 TO 9:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 10-1 To B.M. 1-28
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.172	13.032	196	2.742		6.452	20.017	193	2.761	
	4.976		195			6.259		191		
	4.781		391			6.068		384		
9	14.929	4.976		3.133		18.779	6.260		3.145	
	4.597		196			6.731		198		
	4.401		193			6.533		194		
	4.208		389			6.339		392		
10	13.206	4.402		3.522		19.603	6.534		3.537	
	3.549		202			8.391		200		
	3.347		199			8.191		199		
	3.148		401			7.992		399		
11	10.044	3.348		3.923		24.574	8.191		3.936	
	5.082		189			7.437		198		
	4.893		188			7.239		196		
	4.705		377			7.043		394		
12	14.680	4.893		4.300		21.719	7.240		4.330	
	4.567		199			6.576		199		
	4.368		200			6.377		200		
	4.168		399			6.177		399		
13	13.103	4.368		4.699		19.130	6.377		4.729	
		35.019					54.619			

F.B. 2403 P.G. 10

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G.E. DREIER Time: 8:15 TO 9:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From: B.M. 10-1 To: B.M. 1-28
Date: 4-19-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.821	35.019	199	4.699		6.431	[illegible]	194	4.729	
	4.622		197			6.237		195		+ 44.625
	4.425		396			6.042		389		- 67.335
14	13.868	4.623		5.095		18.710	6.237		5.118	- 22.710
	5.113		131			6.597		120		
	4.982		129			6.478		117		B.M. 1-28 (U.S. 2638) (L.A.Co.F.C. 58-14)
	4.853		260			6.361		238		S.P.R.R. & RUBIO WASH
15	14.948	4.983		5.355		19.436	6.479		6.356	SEE F.B. 1202-32 FOR DESC.
		44.625					67.335			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 10-1 TO F.C.B.M. 58-523	-19.211
" " " F.C.B.M. 58-523 TO F.C.B.M. 58-201	- 0.347
" " " F.C.B.M. 58-201 TO B.M. 1-28	- 22.710
" " " B.M. 10-1 TO B.M. 1-28	- 42.268

F.B. 2403 P.G. 106

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 2:00 TO 2:55 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 030102
From: B.M. 10-1 To: B.M. 10-2
Date:
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.581		208			3.271		193		B.M. 10-1
	7.373		206			3.078		190		SAN GABRIEL BLVD. & LASTUNAS DR.
	7.167		414			2.888		383		SEE F.B. 1375-126 FOR DESC.
1	22.121	7.374		.414		9.237	3.079		.383	
	7.541		190			3.215		196		
	7.351		192			3.019		192		J. MOODY
	7.159		382			2.827		388		
2	22.051	7.350		.796		9.061	3.020		.771	
	7.269		176			3.691		180		
	7.093		174			3.511		176		
	6.919		350			3.335		356		
3	21.281	7.094		1.146		10.537	3.512		1.127	
	7.414		195			4.571		193		
	7.219		194			4.378		190		
	7.025		389			4.188		383		
4	21.658	7.219		1.535		13.137	4.379		1.510	
	8.388		193			3.600		194		
	8.195		194			3.406		193		
	8.001		387			3.213		387		
5	24.584	8.195		1.922		10.219	3.406		1.897	
		37.232					17.396			

F.B. 2403 P.G. 122

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 2:00 TO 2:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 10-1 To B.M. 10-2
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.191	37.232	192	1.922		3.501	17.396	190	1.897	
	6.999		188			3.311		192		
	6.811		380			3.119		382		
6	21.001	7.000		2.302		9.931	3.310		2.279	
	6.762		184			3.572		185		
	6.578		186			3.387		185		
	6.392		370			3.202		370		
7	19.732	6.577		2.672		10.161	3.387		2.649	
	7.559		195			3.033		196		
	7.364		193			2.837		198		
	7.171		388			2.639		394		
8	22.094	7.365		3.060		8.509	2.836		3.043	
	6.948		197			3.717		195		
	6.751		196			3.522		193		
	6.555		393			3.329		388		
9	20.254	6.751		3.453		10.568	3.523		3.431	
	7.435		200			3.099		188		
	7.235		198			2.911		189		
	7.037		398			2.722		377		
10	21.707	7.236		3.851		8.732	2.911		3.808	
		72.161					33.353			

F.B. 2403 P.G. 108

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:00 TO 2:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 10-1 To B.M. 10-2
Date 4-18-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.867	72.161	189	3.851		3.597	33.363	195	3.808	
	6.678		187			3.402		191		
	6.491		376			3.211		386		
11	20036	6.679		4.227		10.210	3.403		4.194	
	6801		199			3.411		193		
	6.602		196			3.218		194		
	6.406		395			3.024		387		
12	19.809	6.603		4.622		9.653	3.218		4.581	
	6.652		194			3425		197		
	6.458		196			3.228		197		
	6.262		390			3.031		394		
13	19.372	6.457		5012		9.684	3.228		4.975	
	6.386		195			3619		210		B.M. 10-2
	6.191		196			3409		210		SAN GABRIEL BLVD. & LONGDEN AVE
	5.995		391			3.199		420		
14	18.572	6.191		5403		10.227	3.409		5395	SEE F.B. 1376-127 FOR DESC
									5403 10.798 =0.70 mi.	SUMMATION OF RUN B.M. 10-1 TO B.M. 10-2 TOTAL BACKSIGHTS +98,091 TOTAL FORESIGHTS -46.621 DIFF IN ELEVATION +51.470
		98,091					46.621			

F.B. 2403 P.G. 109

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:55 TO 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-2 To B.M. 10-1
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.599		206		#11	6.371		200		B.M. 10-2
	3.393		205			6.171		197		SAN GABRIEL BLVD. & LONGDEN AVE.
	3.188		411			5.974		397		SEE F.B. 1375-127 FOR DESC.
1	10.180	3.393		.411		18.516	6.172		.397	
	3.917		198			7.143		195		
	3.719		198			6.948		195		T J. Moody
	3.521		396			6.753		390		
2	11.157	3.719		.807		20.844	6.948		.787	
	3.512		193			6.908		199		
	3.319		190			6.709		198		
	3.129		383			6.511		397		
3	9.960	3.320		1.190		20.128	6.709		1.184	
	3.142		190			6.415		191		
	2.952		190			6.224		187		
	2.762		380			6.037		378		
4	8.856	2.952		1.570		18.676	6.225		1.562	
	3.658		190			7.989		197		
	3.468		190			7.792		195		
	3.278		380			7.597		392		
5.	10.404	3.468		1.950		23.378	7.793		1.946	
		16.852					33.847			

F.B. 2403 P.G. 110

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 3:00 TO 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 10-2 To B.M. 10-1
Date 4-18-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.848	16.852	195	1.950		7.079	33.847	197	1.944	
	3.653		194			6.882		193		
	3.459		389			6.689		390		
6	10.960	3.653		2.339		20.650	6.883		2.334	
	3.085		197			7.612		194		
	2.888		197			7.418		196		
	2.691		394			7.222		390		
7	8.664	2.888		2.733		22.252	7.417		2.784	
	3.579		185			6.767		186		
	3.394		185			6.581		182		
	3.209		370			6.399		368		
8	10.182	3.394		3.103		19.747	6.582		3.082	
	2.839		189			6.530		192		
	2.650		191			6.338		188		
	2.459		380			6.150		380		
9	7.948	2.649		3.483		19.018	6.339		3.472	
	3.615		194			8.399		193		
	3.421		192			8.206		191		
	3.229		386			8.015		384		
10	10.265	3.422		3.869		24.620	8.207		3.856	
		32.858 —					69.275 —			

F.B. 2403 P.G. 111

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: DRIZZLE Inst. No.: 50010
Notes by: G. E. DREIER Time: 3:00 TO 3:35 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NE
Job No.: 0301.02
From: B.M. 10-2 To: B.M. 10-1
Date: 4-18-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.511	32.858	193	3.869		7.353	6.275	194	3.856	
	4.318		190			7.159		194		
	4.128		383			6.965		388		
11	12.957	4.319		4.252		21.477	7.159		4.284	
	3.729		177			7.309		177		
	3.552		178			7.132		173		
	3.374		355			6.959		350		
12	10.655	3.552		4.607		21.400	7.133		4.584	
	3.373		194			7.701		190		
	3.179		194			7.511		192		
	2.985		388			7.319		382		
13	9.537	3.179		4.995		22.531	7.510		4.996	
	3.243		187			7.564		211		B.M. 10-1 (SIERRA MADRE B-12)
	3.056		187			7.353		210		SAN GABRIEL BLVD & LAS TUNAS DR.
	2.869		374			7.143		421		SEE F.B. 1375-126 FOR DESC.
14	9.168	3.056		5.369		22.060	7.353		5.347	
		46.964					98.430			

F.B. 2403 P.G. 12

SUMMATION OF RUN
B.M. 10-2 TO B.M. 10-1
TOTAL BACKSIGHTS +46.964
TOTAL FORESIGHTS -98.430
DIFF IN ELEVATION -51.466

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-2 To B.M. 10-5
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.642		187		#11	4.178		179		B.M. 10-2
	7.455		184			3.999		178		SAN GABRIEL BLVD. & LONGDEN AVE
	7.271		371			3.821		357		SEE F.B. 1375-127 FOR DESC.
1	22.368	7.456		371	68°	11.998	3.999		357	
	7.059		193			3.918		193		
	6.866		193			3.725		192		⊼ J. MOODY
	6.673		386			3.533		385		
2	20.598	6.866		.757		11.176	3.725		.742	
	7.598		194			3.171		193		
	7.404		191			2.978		191		
	7.213		385			2.787		384		
3	22.215	7.405		1.142		8.936	2.979		1.126	
	7.613		192			2.897		185		
	7.421		188			2.712		183		
	7.233		380			2.529		378		+ 36.977
4	23.267	7.422		1.522		8.138	2.713	6	1.504 49	− 15.615
	8.045		218			2.425		227		+ 21.362
	7.827		215			2.198		224		B.M. 10-3
	7.612		433			1.974		451		SAN GABRIEL BLVD. & CLARENCE AVE
5	23.484	7.828		1.955		6.597	2.199		1.955 4	SEE F.B. 1375-128 FOR DESC.
		36.977					15.615		1.955	
									3.910	
									= .25 mi	

F.B. 2403 P.G. 113

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 5001D
Notes by G. E. DREIER Time 10:00 TO 11:10 Rod No. 11 1/2

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-2 To B.M. 10-5
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.356		191	1.955		2.029		194	1.955	
	8.165		189			1.835		192		
	7.976		380			1.643		386		
6	28.497	8.166		2.335		5.507	1.836		2.321	
	7.479		188			2.158		193		
	7.291		189			1.965		189		
	7.102		377			1.776		382		
7	21.872	7.291		2.712		5.899	1.966		2.723	
	7.968		189			1.411		194		
	7.779		186			1.217		195		
	7.593		375			1.022		389		
8	23.340	7.780		3.087		3.650	1.217		3.102	
	8.532		191			1.819		198		
	8.341		193			1.621		194		
	8.148		384			1.427		392		
9	25.021	8.340		3.471		4.867	1.622		3.584	
	8.945		193			1.778		190		
	8.752		193			1.588		189		
	8.559		386			1.399		379		
10	26.256	8.752		3.857		4.765	1.588		3.883	
		40.329					8.229			

F.B. 2403 P.G. 114

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 10:00 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-2 To B.M. 10-5
Date 4-19-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	9.377	10.329	194	3.857		1.488	8.229	196	3.883	
	9.183		190			1.292		194		
	8.993		384			1.098		390		
11	27.553	9.184		4.241		3.878	1.293		4.273	
	10.851		216			2.161		220		+60.149
	10.635		214			1.941		216		-11.464
	10.421		430			1.725		436		+48.685
12	31.907	10.636		4.671		5.827	1.942		4.689	
		60.149					11.464			B.M. 10-4 SAN GABRIEL BLVD. & ROSE AVE SEE F.B. 1375-129 FOR DESC.
										+5.903 -5.762 +0.141
	5.948		045			5.805		043		
	5.903		044			5.762		043		B.M. 10-5 (SIERRA MADRE B-10)
	5.859		089			5.719		086		SAN GABRIEL BLVD. & ROSE AVE
13	17.710	5.903		4.760		17.286	5.762		4.785	SEE F.B. 1375-129 FOR DESC.
									4.760 9.555 =0.62 mi	

F.B. 2403 P.G. 115

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No 500.10
Notes by G. E. DREIER Time 11:10 TO 12:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 10-5 To B.M. 10-2
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
1	5.788 5.745 5.702 17.235	5.745	043 043 086	.086	#11	5.929 5.884 5.839 17.652	5.884	045 045 090	.090	B.M. 10-5 SIERRA SAN GABRIEL BLVD. & ROSE AVE SEE F.B. 1375-129 FOR DESC + 5.745 - 5.884 - 0.139
										B.M. 10-4 SAN GABRIEL BLVD. & ROSE AVE SEE F.B. 1375-129 FOR DESC.
2	2.118 1.899 1.683 5.700	1.900	219 216 435	.521		10.809 10.593 10.379 31.781	10.594	216 214 430	.520	J. MOODY
3	1.519 1.327 1.132 3.978	1.326	192 195 387	.908		9.411 9.218 9.025 27.654	9.218	193 193 386	.906	
4	1.771 1.578 1.389 4.738	1.579	193 189 382	1.290		8.938 8.746 8.553 26.237	8.746	193 193 386	1.298	
		4.805					28.558			

F.B. 2403 P.G. 116

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 11:10 TO 12:10 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 10-5 To: B.M. 10-2
Date: 4-19-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1.759	4.805	198	1.290		8.472	28.558	193	1.297	
	1.561		196			8.279		191		
	1.365		394			8.088		384		
5	4.685	1.562		1.684		24.839	8.280		1.678	
	1.552		195			8.115		190		
	1.357		192			7.925		187		
	1.165		387			7.738		377		
6	4.074	1.358		2.071		23.778	7.926		2.058	
	2.265		190			7.591		192		
	2.075		190			7.399		188		
	1.885		380			7.211		380		
7	6.225	2.075		2.451		22.201	7.400		2.438	
	1.949		194			8.279		192		+ 11.555
	1.755		193			8.087		190		− 60.251
	1.562		387			7.897		382		− 48.696
8	5.266	1.755		2.838		24.263	8.088		2.815	
		11.555					60.251			B.M. 10-3
	4.									AVE SAN GABRIEL BLVD. & CLARENCE
										SEE F.B. 1375-128 FOR DESC.

F.B. 2403 P.G. 117

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 11:10 TO 12:[illegible] Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 10-5 To B.M. 10-2
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.382		223	2.838		8.002		220	2.814	
	2.159		222			7.782		216		
	1.937		445			7.566		436		
9	6.478	2.159		3.283		23.350	7.783		3.250	
	2.892		183			7.609		191		
	2.709		182			7.418		187		
	2.527		365			7.231		378		
10	8.128	2.709		3.648		22.258	7.419		3.628	
	3.197		195			7.619		191		
	3.002		191			7.428		190		
	2.811		386			7.238		381		
11	9.010	3.003		4.034		22.285	7.428		4.009	
	3.824		193			6.971		196		
	3.631		193			6.775		192		
	3.438		386			6.583		388		
12	10.893	3.631		4.420		20.329	6.776		4.397	
	4.195		179			7.662		185		
	4.016		177			7.477		186		B.M. 10-2
	3.839		356			7.291		371		SAN GABRIEL BLVD. & LONGDEN AVE.
13	12.050	4.017		4.776		22.430	7.477		4.779	SEE F.B. 1375-127 FOR DESC.
		15.519					26.253			

F.B. 2403 P.G. 118

+ 15.519
− 36.883
− 21.364

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUN Inst. No. 50010
Notes by J. AMADO Time 2:00 to 3:35 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-5 To BM 10-6
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7317		190		#11	4198		187		BM 10-5 (SIERRA MADRE B-10)
	7127		191			4011		185		SAN GABRIEL BL. & LORAIN RD
	6936		381			3826		372		SEE F.B. 1375-129 FOR DESC
1	21380	7.127		381	74°	12035	4.012		372	
	7669		191			2660		188		
	7478		189			2472		185		⊼ G. E. DREIER
	7289		380			2287		373		
2	22436	7.479		761		7419	2.473		745	
	9010		190			1341		190		
	8820		189			1151		190		
	8631		379			0961		380		
3	26461	8.820		1140		3453	1.151		1125	
	9318		190			1339		187		
	9128		189			1152		186		
	8939		379			0966		373		
4	27385	9.128		1519		3457	1.152		1498	
	8451		187			1986		203		
	8264		186			1783		203		
	8078		373			1580		406		
5	24793	8.264		1892		5349	1.783		1904	
		40.818					10.571			

F.B. 2403 P.G. 116

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny Inst. No. 50010
Notes by J.A. Moody Time 2:00 to 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 10-5 To 10-6
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8893	40.818	191	1892		2355	10.571	197	1904	
	8702		191			2158		198		
	8511		382			1960		395		
6	26106	8702		2274		6473	2.158		2299	
	10.154		195			2680		186		
	9959		193			2494		183		
	9766		388			2311		369		
7	29879	9.960		2662		7485	2.495		2668	
	7527		182			3436		190		
	7345		181			3246		188		
	7164		363			3058		378		
8	22036	7345		3025		9740	3.247		3046	
	7081		185			2707		189		
	6896		184			2518		190		
	6712		369			2328		379		
9	20689	6.896		3394		7553	2.518		3425	
	8900		189			0508		167		
	8711		187			0341		166		
	8524		376			0175		333		
10	26135	8.712		3770		1024	0.341		3758	
		82.433					21.330			

F.B. 2403 P.G. 120

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 2:00 to 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 10-5 To BM 10-6
Date 4-19-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	11887	82.433	204	3.770		0550	21.330	177	3.758	
	11683		204			0373		176		
	11479		408			0197		353		
11	350.49	11.683		4.178		1.120	0.373		4.111	
	10299		187			1087		250		+ 111.830
	10112		187			0837		250		− 26.792
	9925		374			0587		500		+ 85.038
12	30336	10.112		4.552		2.511	0.837		4.611	
	7794		192			4423		171		T.B.M T.E.371
	7602		192			4252		170		SAN GABRIEL BL. & WALLINGFORD, RD.
	7410		384			4082		341		E. SIDE, B. SPK. IN CURB 4' S. OF
13	22806	7.602		4.936		12757	4.252		4.952	& PROD.
	6691	111.830	185			4613	26.792	176	4.936	
	6506		187			4437		178	0.885	
	6319		372			4259		354	=0.64 m.	
14	19516	6.505		5.308		13309	4.436		5.306	
	6079		181			3017		185		
	5898		179			2832		183		
	5719		360			2649		368		
15	17696	5.899		5.68		8498	2.833		5.674	
		124.234					34.061			

F.B. 2403 P.G. 12

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sun Inst. No 50010
Notes by J. A. Moody Time 2:00 to 3:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-5 To 10-6
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7753	12423 4	179	5668		3592	34.061	189	5674	97.773
	7574		181			3403		186		85.038
	7393		360			3217		375		12.735
16	22720	7.573		6028		10212	3.404		6049	
	7403		185			3974		187		BM 10-6
	7218		185			3787		188		SAN GABRIEL BL & LOMBARDY RD
	7033		370			3599		375		SEE L.B. 1375-130 FOR DESC.
17	21654	7.218		6398		11360	3.787		6424	
									6.398	
									12822	
									=.088 mi. .015	
										SUMMATION OF RUN
										B.M. 10-5 TO B.M. 10-6
										TOTAL BACKSIGHTS +139.025
										TOTAL FORESIGHTS −41.252
										DIFF IN ELEVATION +97.773
		139.025					41.252			

F.B. 2403 P.G. 122

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 3:35 to 4:00 Rod No. 11812

Name C.A. CO. PRECISE LEVEL NET
Job No. 030102
From BM 10-6 To BM 10-5
Date 4-19-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3937		189			7366		187		BM 10-6
	3748		189			7179		183		SAN GABRIEL BL. & LOMBARDY RD
	3559		378			6996		370		SEE F.B. 1375-130 FOR DESC.
1.	11.244	3.748		378		21541	7.180		370	
	3388		187			7556		182		
	3201		185			7374		178		G.E. DREIER
	3016		372			7196		360		
2	9.605	3.202		.750		22.126	7.375		.730	
	3011		183			6071		181		
	2828		185			5890		179		
	2643		368			5711		360		
3	8.482	2.827		1.118		17.672	5.891		1.090	
	4733		178			6812		186		+ 14.332
	4555		177			6626		186		- 27.072
	4378		355			6440		372		- 12.740
4	13.666	4.555		1.473		19.878	6.626		1.462	
		14.332					27.072		1.473 2.935 = 0.1901	T.B.M. TE-371 SAN GABRIEL BLVD. & WALLINGFORD RD., E. SIDE, B. SPK. IN CURB 4' S. OF ℄ PROD.

F.B. 2403 P.G. 123

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny Inst. No. 50010
Notes by J. A. Moody Time 9:00 to 10:11 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-6 To BM 10-5
Date 4-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4275	14.332	184	1473	#11	7619	27.072	182	1462	
	4091		180			7437		181		
	3911		364			7256		363		
5	12277	4.092		1,837	72°	22312	7437		1,825	
	1512		224			10777		216		
	1288		222			10561		215		
	1066		446			10346		431		
6	3,866	1289		2283		31684	10561		2,256	
	0553		183			11.875		198		
	0370		185			11.677		198		
	0185		368			11.479		396		
7	1.108	0369		2.651		35031	11.677		2,652	
	0560		178			8929		176		
	0382		178			8753		177		
	0204		356			8576		353		
8	1.146	0.382		3007		26258	8.753		3005	
	2868		191			7238		184		
	2677		189			7054		183		
	2488		380			6871		367		
9	8033	2 678		3387		21.163	7.054		3,372	
		23.142					72.554			

F.B. 2403 P.G. 124

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 9:00 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-6 To BM 10-5
Date 4-20-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3358	23.142	191	3387		7448	72554	181	3372	
	3167		189			7267		181		
	2978		380			7086		362		
10	9.503	3168		3767		21.801	7267		3734	
	2691		188			10.090		191		
	2503		185			9899		188		
	2318		373			9711		379		
11	7.512	2504		4140		29700	9900		4123	
	2297		199			8898		192		
	2098		198			8706		193		
	1900		397			8513		385		
12	6295	2.098		4537		26117	8.706		4508	
	2079		200			8549		191		
	1879		200			8358		190		
	1679		400			8168		381		
13	5637	1.879		4937		25075	8358		4889	
	1826		189			9303		190		
	1137		187			9113		186		
	0950		376			8927		376		
14	3.413	1.138		5313		27.343	9.114		5225	
		33.929					15.899			

F.B. 2403 P.G. 125

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny Inst. No 50010
Notes by J. Amaody Time 9:00 to 10:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-6 To BM 10-5
Date 4-20-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	1416	33.929	189	5313		9085	11.899	190	5265	
	1227		189			8895		189		
	1038		378			8706		379	3	
15	3681	1.227		5691		26.686	8.895		5644	97.756
	2731		186			7743		190		12.740
	2545		187			7553		188		-85.016
	2358		373			7365		378	1	
16	7634	2.545		6064		22.661	7.554		6022	
	4346		176			7481		202		BM 10-5
	4170		177			7279		203		SAN GABRIEL BLVD & LORAIN R.D.
	3993		353			7076		405	1	SEE F.B. 1375-129 FOR DESC.
17	12509	4.170		6417		21.836	7.279		6427	SUMMATION OF RUN
										BM 10-6 to BM 10-5
										TOTAL BACKSIGHTS + 41.871
										" FORE " - 139.627
										DIFF IN ELEV. - 97.756

F.B. 2403 P.G. 126

41.871 — 139.627 —

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 11:00 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From BM 10-5 To BM 10-6
Date 4-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7280		192		#11	4158		186		BM 10-5
	7088		191			3972		184		SAN GABRIEL BL & LORAIN RD.
	6897		383			3788		370		SEE F.B. 1375-129 FOR DESC.
1	21265	7088		383	84°	11918	3.973		370	
	7699		188			2692		188		
	7511		189			2504		185		
	7322		377			2319		373		
2	22532	7511		760		7515	2.505		743	
	9030		190			1362		189		
	8840		189			1173		188		
	8651		379			0985		377		
3	26521	8.840		1139		3.520	1.173		1120	
	9333		185			1360		188		
	9148		189			1172		189		
	8959		374			0983		377		
4	27440	9.147		1513		3.515	1.172		1497	
	8588		190			2119		201		
	8398		190			1918		200		
	8208		380			1718		401		
5	25194	8.398		1893		5755	1.918		1898	
		40.984					10.741			

F.B. 2403 P.G. 127

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny Inst. No. 50010
Notes by J. Amaary Time 11:00 to Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 10-5 To BM 10-6
Date 4-20-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8822	10.984	191	1.893		2218	10.741	198	1.898	
	8631		193			2020		197		
	8438		384			1823		395		
6	25891	8.630		2277		6061	2.020		2293	
	10,124		191			2726		187		
	9933		190			2539		186		
	9743		381			2353		373		
7	29.800	9.933		2658		7618	2.539		2666	
	7464		181			3379		189		
	7283		181			3190		190		
	7102		362			3000		379		
8	21849	7.283		3020		9569	3.190		3045	
	7082		184			2707		190		
	6898		185			2517		189		
	6713		369			2328		379		
9	20693	6.898		3389		7552	2.517		3424	
	9334		201			0924		156		
	9133		197			0768		156		
	8936		398			0612		312		
10	27403	9.134		3787		2304	0.768		3736	
	82.862					21.775				

F.B. 2403 P.G. 128

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: B. E. DREIER Weather: SUNNY Inst. No. 50010
Notes by: J. A. MOODY Time: 1100 to 1200 Rod No. 115.12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 10-5 To: BM 10-6
Date: 4-20-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	11900	82.862	198	3787		0573	21.775	184	3736	
	11702		198			0389		184		
	11504		396			0205		368		
11	35106	11.702		4183		1167	0.389		4104	
	10795		216			1527		224		+ 112.501
	10579		218			1303		221		− 27.481
	10361		434			1082		445		+ 85.020
12	31735	10.578		4617		3912	1.304		4549	
	7527		169			4210		198		T.B.M. T.E.371
	7358		166			4012		195		SAN GABREIL BL. & WALLINGFORD RD
	7192		335			3817		393		E. SIDE, BT. SPK. IN CO. 4' SO. ℄ PROP
13	22077	7.359		4952		12039	4.013		4942	
		112.501 −					27.481 −			
	6809		186			4730		177		
	6623		185			4553		178		
	6438		371			4375				
14	19870	6623		5323		13658	4553	355	5297	
		19.124 −					32.034 −			

F.B. 2402 P.G. 129

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: E. DREIER Weather: SUNNY Inst. No. 50010
Notes by: J. AMOORY Time: 1:00 to 1:45 Rod No. 11E12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 10-5 To: BM 10-6
Date: 4-20-56
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6038	1119.124	180	5323		2978	32.034	185	5297	
	5858		180			2793		183		97.756
	5678		360			2610		368		85.020
15	17.574	5.858		5683		8.381	2.794		5665	+ 12.736
	7424		176			3269		191		
	7248		174			3078		190		
	7074		352			2888		381		
16	21.746	7.248		6035		9.235	3.078		6046	
	7356		185			3926		188		B.M 10-6
	7171		184			3738		186		SAN GABRIEL BL & LOMBARDY RD
	6987		369			3552		374		SEE F.B. 1375-130 FOR DESC.
17	21.514	7.171		6404		11.216	3.739		6420	
										SUMMATION OF RUN
										BM 10-5 to BM 10-6
										TOTAL BACKSIGHTS +139.401
										" FORE " - 41.645
										DIFF IN ELEV + 97.756
	139.401					41.645				

F.B. 2403 P.G. 130

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: B. E. DREIER Weather: HAZE Inst. No.: 50010
Notes by: G. E. DREIER Time: 2:00 TO 3:00 Rod No.: 115/12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 10-6 To: B.M. 10-7
Date: 4-20-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.729		176			3.038		180		BM. 10-6
	7.553		172			2.858		180		SAN GABRIEL BLVD. & LOMBARDY RD.
	7.381		348			2.678		360		SEE F.B. 1375-130 FOR DESC.
1	22.663	7.554		.348	82°	8.574	2.858		.360	
	7.738		200			4.079		198		
	7.538		196			3.881		195		
	7.342		396			3.686		393		T J. MOODY
2	22.618	7.539		.744		11.646	3.882		.753	
	6.725		194			5.059		192		
	6.531		193			4.867		190		
	6.338		387			4.677		382		
3	19.594	6.531		1.131		14.603	4.868		1.135	
	6.821		202			5.422		196		
	6.619		200			5.226		197		
	6.419		402			5.029		393		
4	19.859	6.620		1.533		15.677	5.226		1.528	
	6.392		195			4.549		197		
	6.197		195			4.352		193		
	6.002		390			4.159		390		
5	18.591	6.197		1.923		13.060	4.353		1.918	
	34.441					21.187				

F.B. 2403 P.G. 131

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZE Inst. No.: 50010
Notes by: G. E. DREIER Time: 2:00 TO 3:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 10-6 To: B.M. 10-7
Date: 4-20-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5765	3.441	192	1.923		4.251	2.[illegible]7	192	1.918	
	5.573		190			4.059		191		
	5.383		382			3.868		383		
6	16.721	5.574		2.305		12.178	4.059		2.301	
	6.631		192			2.742		191		
	6.439		188			2.551		192		
	6.251		380			2.359		383		
7	19.321	6.440		2.685		7.652	2.551		2.684	
	7.739		190			3.111		192		
	7.549		190			2.919		188		
	7.359		380			2.731		380		
8	22.647	7.549		3.065		8.761	2.920		3.064	
	7.982		184			2.072		200		
	7.798		183			1.872		199		
	7.615		367			1.673		399		
9	23.395	7.798		3.432		5.617	1.872		3.463	
	7.792		203			1.339		200		
	7.589		202			1.139		198		
	7.387		405			0.941		398		
10	22.768	7.589		3.837		3.419	1.140		3.861	
	69.391					23.729				

F.B. 2403 P.G. 132

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No 50010
Notes by G. E. DREIER Time 2:00 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 10-6 To B.M. 10-7
Date 4-20-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.252	69.391	194	3.837		3.298	33.729	195	3.861	
	8.058		190			3.103		191		
	7.868		384			2.912		386		
11	24.178	8.059		4.221		9.313	3.104		4.247	
	6.773		234			6.471		206		
	6.539		231			6.265		206		B.M. 10-7
	6.308		465			6.059		412		SAN GABRIEL BLVD. & BLANCHE ST.
12	19.620	6.540		4.686		18.795	6.265		4.659	SEE F.B. 1375-131 FOR DESC.
									4.686 +9.345 =0.60 m1.	
										SUMMATION OF RUN B.M. 10-6 TO B.M. 10-7
										TOTAL BACKSIGHTS +83.990 TOTAL FORESIGHTS -43.098 DIFF IN ELEVATION +40.892
										F.B. 2403 P.G. 23
		83.990					43.098			

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. F. DREIER Time 10:15 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-7 To B.M. 10-6
Date 4-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.446		214		#11	6.738		227		B.M. 10-7
	6.232		211			6.511		223		SAN GABRIEL BLVD. & BLANCHE ST.
	6.021		425			6.288		450		SEE F.B. 1375-131 FOR DESC.
1	18.699	6.233		425	64°	19.537	6.512		.450	
	2.658		191			7.619		197		
	2.467		191			7.422		193		⊼ J. Moody
	2.276		382			7.229		390		
2	7.401	2.467		.807		22.270	7.423		.840	
	1.315		200			7.771		203		
	1.115		198			7.568		205		
	0.917		398			7.363		408		
3	3.347	1.116		1.205		22.702	7.567		1.248	
	2.291		200			8.199		185		
	2.091		199			8.014		183		
	1.892		399			7.831		368		
4	6.274	2.091		1.604		24.044	8.015		1.616	
	3.029		191			7.659		191		
	2.838		187			7.468		190		
	2.651		378			7.278		381		
5	8.518	2.839		1.982		22.405	7.468		1.997	
		14.746	—				36.185	—		

F.B. 2403 P.G. 134

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50910
Notes by G. E. DREIER Time 10:15 TO 10:50 Rod No. 11812

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-7 To B.M. 10-6
Date 4-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.362	4.746	193	1.982		7.248	3.985	189	1.997	
	3.169		191			7.059		187		
	2.978		384			6.872		376		
6	9.509	3.170		2.366		21.179	7.060		2.373	
	4.108		191			5.626		192		
	3.917		190			5.434		190		
	3.727		381			5.244		382		
7	11.752	3.917		2.747		16.304	5.435		2.755	
	4.468		196			6.311		197		
	4.272		193			6.114		195		
	4.079		389			5.919		392		
8	12.819	4.273		3.136		18.344	6.115		3.147	
	4.698		195			6.099		198		
	4.503		192			5.901		196		
	4.311		387			5.705		394		
9	13.512	4.504		3.523		17.705	5.902		3.521	
	4.848		193			6.512		194		
	4.655		192			6.318		191		
	4.463		385			6.127		385		
10	13.966	4.655		3.908		18.957	6.319		3.906	
		35.265					67.816			

F.B. 2403 P.G. 12

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:15 TO 10:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-7 To B.M. 10-6
Date 4-23-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.639	35.265	194	3.908		7.298	6[illegible]6	196	3.9~~0~~2 6	
	3.445		193			7.102		193		
	3.252		387			6.909		389		
11	10.336	3.445		4.295		21.309	7[illegible]3		4.~~2~~3 5	
	3.269		180			7.954		173		
	3.089		180			7.781		170		B.M. 10-6
	2.909		360			7.611		343		SAN GABRIEL BLVD. & LOMBARDY RD.
12	9.267	3.089		4.655		23.346	7.782		4.6~~3~~5 8	SEE F.B. 1375-130 FOR DESC
										SUMMATION OF RUN B.M. 10-7 TO B.M. 10-6
										TOTAL BACKSIGHTS + 41.799
										TOTAL FORESIGHTS − 82.701
										DIFF IN ELEVATION −40.902
		41.799					82.701			

F.B. 2403 P.G. 136

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: G. E. DREIER Time: 10:55 TO 11:45 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 10-7 To: B.M. 10-8
Date: 4-23-56
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.263		131		#11	7.249		130		B.M. 10-7
	4.132		132			7.119		127		SAN GABRIEL BLVD. & BLANCHE ST
	4.000		263			6.992		257		SEE F.B. 1375-131 FOR DESC.
1	12.395	4.132		.263	64°	21.360	7.120		257	
	4.598		130			5.757		141		+8.600
	4.468		130			5.615		140		-12.736
	4.338		260			5.475		281		-4.136
2	13.404	4.468		.523		16.847	5.616		.538	
		8.600					12.736			B.M. (CITY OF PASS.?)
										BLANCHE ST. 96 FT. W. OF ℄
										INTERSECTION OF DAISY AVE,
										B. SPK IN CONC. IN 2" I.P., 11"
	6.738		104			3.958		109		BELOW SURFACE, UNDER CAST IRON
	6.634		102			3.849		110		COVER LETTERED "B.M."
	6.532		206			3.739		219		
3	19.904	6.635		.729		11.546	3.849		.758	
	8.216		194			3.009		197		
	8.022		190			2.812		194		
	7.832		384			2.618		391		
4	24.070	8.023		1.113		8.439	2.813		1.149	
		14.658					6.662			

F.B. 2463 P.G. 37

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 10:55 TO 11:45 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 10-7 To B.M. 10-8
Date 4-23-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.519	14.658	200	1.113		3.791	6.662	187	1.149	
	7.319		200			3.604		185		
	7.119		400			3.419		372		
5	21.957	7.319		1.513		10.814	3.605		1.528	
	7.735		196			2.522		191		
	7.539		194			2.331		192		
	7.345		390			2.139		383		
6	22.619	7.540		1.903		6.992	2.331		1.903	
	7.979		196			3.154		195		
	7.783		192			2.959		196		
	7.591		388			2.763		391		
7	23.353	7.784		2.291		8.876	2.959		2.295	
	8.478		196			2.948		193		
	8.282		193			2.755		193		
	8.089		389			2.562		386		
8	24.849	8.283		2.680		8.265	2.755		2.680	
	8.667		211			3.379		201		
	8.456		209			3.178		201		
	8.247		420			2.977		402		
9	25.370	8.457		3.100		9.534	3.178		3.088	
	54041 —					21.410 —				

F.B. 2403 P.G. 138

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:55 TO 11:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 10-7 To B.M. 10-8
Date 4-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.888	54.041	197	3.100		2.778	21.490	199	3.083	
	7.691		193			2.579		195		
	7.498		390			2.384		394		
10	23.077	7.692		3.490		7.741	2.580		3.477	
	7.988		191			4.051		190		
	7.797		192			3.861		188		+ 85.308
	7.605		383			3.673		378		- 35.003 4.995
11	23.390	7.797		3.873		11.585	3.862		3.855	+ 50.303
	8.135		207			2.669		210		
	7.928		207			2.459		208		B.M. 10-8
	7.721		414			2.251		418		FOOTHILL BLVD. & DAISY AVE
12	23.784	7.928		4.287		7.379	2.460		4.273	SEE F.B. 1375-132 FOR DESC
	8.043		194			4.797		195		
	7.849		192			4.602		191		
	7.657		386			4.411		386		
13	23.549	7.850		4.673		13.810	4.603		4.659	
		85.308		4.658 9.331 = 0.60 mi			35.003 4.995			

SUMMATION OF RUN
DIFF IN ELEV B.M. 10-7 TO B.M. 10-7A - 4.136
" " " B.M. 10-7A TO B.M. 10-8 + 50.305
" " " B.M. 10-7 TO B.M. 10-8 + 46.169

F.B. 2403 P.G. 139

76P526 S & E #379 1-54

PLEASE RETURN TO

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. F. DREIER Weather Inst. No. 50010

Notes by Time Rod No. 11812

Name L. A. CO PRECISE LEVEL NET

Job No. 0301.02

From To

Date

Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2403 PG. 146

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: G. E. DREIER Time: 8:50 TO 10:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 03.01.02
From: B.M. 10-8 To: B.M. 10-7
Date: 4-23-53
Indexed: J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4897		190		#11	8.151		199		B.M. 10-8
	4.707		189			7.952		198		FOOTHILL BLVD. & DAISY AVE
	4.518		379			7.754		397		SEE F.B. 1375-132 FOR DESC.
1	14.122	4.707		.379	68°	23.857	7.952		.397	
	2604		207			8.068		209		↑ J. MOODY
	2.397		208			7.859		207		
	2.189		415			7.652		416		
2	7.190	2.397		.794		23.579	7.860		.813	
	4.051		189			7.992		193		
	3.862		187			7.799		190		
	3.675		376			7.609		383		
3	11.588	3.863		1.170		23.400	7.800		1.196	
	2712		197			7.819		197		
	2.515		196			7.622		193		
	2.319		393			7.429		390		
4	7.546	2.515		1.563		22.870	7.623		1.586	
	3.277		204			8.567		202		
	3.073		201			8.355		202		
	2.872		405			8.143		404	2010	
5	9.222	3.074		1.968		25.065	8.355		~~1.990~~	
		16.556					39.590			

F.B. 2403 P.G. 41

76P526 S & E #379 1-54

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ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8:50 TO 10:[illegible] Rod No. 118/12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To B.M. 10-7
Date 4-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.852	16.556	192	1.968		8.382	8.190	193	~~1.990~~ 2010	
	2.659		188			8.189		196		
	2.471		380			7.993		389		
6	7.982	2.660		2.348		24.564	8.188		2.379	
	3.171		200			7.985		189		
	2.971		200			7.796		189		
	2.771		400			7.607		378		
7	8.913	2.971		2.748		23.388	7.796		2.757	
	2.551		192			7.762		194		
	2.359		191			7.568		194		
	2.168		383			7.374		388		
8	7.078	2.359		3.134		22.704	7.568		3.145	
	3.788		192			7.508		197		
	3.596		189			7.311		196		
	3.407		381			7.115		393		
9	10.791	3.597		3.518		21.934	7.311		3.538	
	3.121		196			8.328		194		
	2.925		194			8.134		191		
	2.731		390			7.943		385		
10	8.777	2.926		3.908		24.405	8.135		3.983	
		31.087					78.588			
		70								

F.B. 2403 PG. 142

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 8:50 TO 10:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NE
Job No. 03.01.02
From: B.M. 10-8 To: B.M. 10-7
Date: 4-23-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.027 3.917 3.809	31.069	110 108 218	3.903		6.805 6.702 6.599	78.588	103 103 206	3.923	+ 34.987 - 85.290 - 50.303
11	11.753	3.918		4.128		20.106	6.702		4.129	
		34.988					85.290			B.M. (CITY PASS.?) BLANCHE ST., 96 FT. W. OF ℄ INTERSECTION DAISY AVE., B. SPK IN CONC. IN 2" I.P., 11"
	5.848 5.706 5.566		142 140 282			4.691 4.559 4.431		132 125 260		BELOW SURFACE UNDER COVER LETTERED "B.M."
12	17.120	5.707		4.403		13.681	4.560		4.289	+ 12.783
	7.202 7.075 6.951		127 124 251			4.222 4.088 3.953		134 135 269		- 8.648 + 4.135
13	21.228	7.076		4.653		12.263	4.088		4.658	B.M. 10-7 SAN GABRIEL BLVD. & BLANCHE ST.
		12.783					8.648			SEE F.B. 1375-131 FOR DESC

SUMMATION OF RUN

DIFF IN ELEV. B.M. 10-8 TO B.M. 10-7A -50.303
" " " B.M. 10-7A TO B.M. 10-7 +4.135
" " " B.M. 10-8 TO B.M. 10-7 - 46.168

F.B. 2403 PG. 143

76P526 S & E #379 1-54

PLEASE RETURN TO

LOS ANGELES COUNTY SURVEYOR

726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No. 50010
Notes by Time Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From To
Date
Indexed

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2403 P.G. 144										

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G. E. DREIER Time 1:15 TO 2:30 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-23-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.711		192		#11	9.698		190		B.M. 10-8
	3.519		191			9.508		189		FOOTHILL BLVD & DAISY AVE.
	3.328		383			9.319		379		SEE F.B. 1375-132 FOR DESC.
1	10.558	3.519		.383	71°	28.525	9.508		379	
	1.347		188			6.527		184		
	1.159		188			6.343		184		T J. MOODY
	0.971		376			6.159		368		
2	3.477	1.159		.759		19.029	6.343		.747	
	3.371		193			6.212		200		
	3.178		193			6.012		197		
	2.985		386			5.815		397		
3	9.534	3.178		1.145		18.039	6.013		1.144	
	4.705		206			5.411		214		
	4.499		202			5.197		211		
	4.297		408			4.986		425		
4	13.501	4.500		1.553		15.594	5.198		1.569	
	5.719		216			4.945		214		
	5.503		212			4.731		212		
	5.291		428			4.519		426		
5	16.513	5.504		1.981		14.195	4.732		1.995	
		17.860					31.794		1.981 3.976 = 0.26 mi.	

+17.860
-31.794
-13.934

F.B. 2403 P.G. 145

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No 50010
Notes by G. E. DREIER Time 1:15 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-23-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				1981					1,995	F.C.B.M. 60-62 1953 FOOTHILL BLVD & EATON WASH, S.E. COR., F.C. BRASS DISC, IN WALK, 9.5 FT. W. OF E. END
	4.248		190			5.355		183		OF CONC GAURD RAIL
	4.058		190			5.172		185		
	3.868		380			4.987		368		
6	12.174	4.058		2,361		15.514	5.171		2,363	
	5.151		133			5.759		133		
	5.018		131			5.626		133		
	4.887		264			5.493		266		
7	15.056	5.019		2,625		16.878	5.626		2,629	
	4.699		136			5.997		140		+13.641
	4.563		132			5.857		138		- 16.655
	4.431		268			5.719		278		- 3.014
8	13.693	4.564		2,893		17.573	5.858		2,907	
		13.641-					16.655-			B.M. (CITY OF PASSADENA) FOOTHILL BLVD, 52 FT. W. OF ℄ INTERSECTION OF TITLEY AVE. B.SPK IN CONC. IN 2" I.P. 9" BELOW SURFACE UNDER CAST IRON COVER LETTERED "B.M."

F.B. 2403 PG. 146

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by G.E.DREIER Time 1:15 To 2:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-23-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.218		195	2.893		5.203		192	2.907	
	5.023		191			5.011		190		
	4.832		386			4.821		382		
9	15.073	5.024		3.279		15.035	5.012		3.289	
	4.651		188			5.188		193		
	4.463		184			4.995		190		
	4.279		372			4.805		383		
10	13.393	4.464		3.651		14.988	4.996		3.672	
	5.351		194			6.512		190		
	5.157		194			6.322		190		
	4.963		388			6.132		380		
11	15.471	5.157		4.039		18.966	6.322		4.052	
	4.323		145			6.792		146		+22.881
	4.178		146			6.646		143		-29.681
	4.032		291			6.503		289		-6.800
12	12.533	4.177		4.330		19.941	6.647		4.341	
	4.179		120			6.812		108		T.B.M. TE 404
	4.059		120			6.704		108		FOOTHILL BLVD. & SIERRA MADRE
	3.939		240			6.596		216		VILLA AVE, N.W. COR., B. SPK
13	12.177	4.059		4.570		18.112	6.704		4.557	IN CURB 5' W. OF W. END. C.R.
		22.887			20		29.681			

F.B. 2403 P.G. 41

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 2:30 To Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: T.B.M. TE 404 To: B.M. 10-8
Date: 4-23-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6902		114		#11	4258		116		T.B.M. TE 404
	6788		115			4142		115		FOOTHILL BLVD & SIERRA MADRE
	6673		229			4027		231		VILLA AVE., N.W. COR., B. SPK IN
1	20363	6788		1229	70°	12427	4142		231	CURB 5 FT. W. OF W. END C.R.
	6675		144			4209		147		
	6531		143			4062		144		
	6388		287			3918		291		T. J. MOODY
2	19594	6531		516		12189	4063		522	
	6411		192			5247		193		
	6219		192			5054		192		
	6027		384			4862		385		
3	18657	6219		900		15163	5054		907	
	5339		191			4807		188		
	5148		190			4619		184		
	4958		381			4435		372		
4	15445	5148		1281		13861	4620		1279	
	5477		192			5497		198		+ 29.972
	5285		190			5299		197		− 23.178
	5095		382			5102		395		+ 6.794
5	15857	5286		1663		15898	5299		1674	
	29972					23178			1663	
									3397	
									=0.21 mi.	

F.B. 2403 P.G. 148

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 2:30 TO Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 030102
From: T.B.M. TE404 To: B.M. 10-8
Date: 4-23-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1.663					1.674	B.M. (CITY OF PASS.?) FOOTHILL BLVD. 52 FT. W. OF ℄ INTER. OF TITLEY AVE., B. SPK. IN CONC. IN 2" I.P. 9" BELOW
	5.948		140			4.650		134		SURFACE UNDER CAST IRON COVER LETTERED B.M.
	5.808		139			4.516		134		
	5.669		279			4.382		268		
6	17.425	5.808		1.942		13.548	4.516		1.942	
	5.786		134			5.177		134		
	5.652		133			5.043		131		
	5.519		267			4.912		265		
7	16.957	5.652		2.209		15.132	5.044		2.207	
	5.458		185			4.352		191		+ 16.734
	5.273		181			4.161		189		- 13.722
	5.092		366			3.972		380		+ 3.012
8	15.823	5.274		2.575		12.485	4.162		2.587	
		16.734					13.722			F.C.B.M. 60-62 1953 FOOTHILL BLVD. & EATON WASH (BR. No. 53-19) S.E. COR., F.C. BRASS DISC. IN WALK, 9.5 FT. W. OF E. END OF GUARD RAIL

F.B. 2403 P.G. 45

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZE Inst. No. 50010
Notes by: G. E. DREIER Time: 2:30 TO 3:30 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From: B.M. TE 404 To: B.M. 10-8
Date: 4-23-56
Indexed: E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.301		210	2.575		6.079		217	2.587	
	5.091		212			5.862		214		
	4.879		422			5.648		431		
9	15.271	5.090		2.997		17.589	5.863		3.018	
	5.541		213			4.839		204		
	5.328		209			4.635		204		
	5.119		422			4.431		408		
10	15.988	5.329		3.419		13.905	4.635		3.426	
	6.251		200			3.411		192		
	6.051		200			3.219		195		
	5.851		400			3.024		387		
11	18.153	6.051		3.819		9.654	3.218		3.813	
	6.482		185			1.308		191		
	6.297		181			1.117		189		
	6.116		366			0.928		380		
12	18.895	6.298		4.185		3.353	1.118		4.193	+32.259
										−18.334
										+13.925
	9.678		186			3.692		193		
	9.492		190			3.499		191		
	9.302		376			3.308		384		
13	28.472	9.491		4.561		10.499	3.500		4.577	B.M. 10-8 FOOTHILL BLVD. & DAISY AVE SEE F.B. 1375-132 FOR DESC.
		32.259					18.334			

F.B. 7403 P.G. 150

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: R. E. DRETER Weather: OVERCAST Inst. No: 50010
Notes by: T. OHASHI Time: 8:30 TO 9:40 Rod No: 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No: 03.01.02
From: B.M. 10-8 To: T.B.M. TE 404
Date: 4-24-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3704		191			9691		189		B.M. 10-8
	3513		191			9502		188		FOOTHILL BLVD. & DAISY AVE
	3322		382			9314		377		SEE F.B. 1375-132 FOR DESC.
1	10.539	3.513		.382		28.507	9.502		.377	
	1363		190			6542		184		
	1173		188			6358		183		TT J. MOODY
	0985		378			6175		367		
2	3521	1.174		.760		19.075	6.358		.744	
	3372		194			6207		200		
	3178		193			6007		199		
	2985		387			5808		399		
3	9535	3.178		1.147		18.022	6.007		1.143	
	5119		204			5819		211		
	4915		204			5608		211		
	4711		408			5397		422		
4	14.745	4.915		1.555		16.824	5.608		1.565	
	6228		217			5443		211		+18.791
	6011		218			5232		210		-32.707
	5793		435			5022		421		-13.916
5	18.032	6.011		1.990		15.697	5.232		1.986	
		18.791					32.707			

F.B. 1402 P.G. 15

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:30 TO 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-24-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				1.990					1.986	F.C. B.M. 60-62 1953 FOOTHILL BLVD. & EATON WASH, S.E. COR., F.C. BRASS DISC. IN WALK 9½ FT. W. OF E. END OF
6	4288 4097 3908 12293	4.098	191 189 380	2.370		5393 5208 5026 15627	5.209	185 182 367	2.353	CONC. GAURD RAIL
7	5178 5045 4913 15136	5.045	133 132 265	2.635		5787 5652 5519 16958	5.653	135 133 268	2.621	
8	4618 4532 4398 13598	4.533	136 134 270	2.965		5954 5822 5687 17468	5.823	137 135 272	2.893	+13.676 -16.685 -3.009
		13.676					16.685			B.M. FOOTHILL BLVD., 52 FT. W. OF ℄ INTER. OF TITLEY AVE, B. SPK IN CONC. IN 2" I.P., 9" BELOW SURFACE UNDER CAST IRON COVER LETTERED "B.M."

F.B. 2403 P.G. 152

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 8:30 - TO - 9:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-24-56
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5179		191	2905		5157		186	2893	
	4988		190			4971		189		
	4798		381			4782		375		
9	14.965	4.988		3.286		14.910	4.970		3.268	
	4692		185			5231		193		
	4507		184			5038		193		
	4323		369			4845		386		
10	13.522	4.507		3.655		15.114	5.038		3.654	
	5302		191			6465		192		
	5111		193			6273		191		
	4918		384			6082		383		
11	15.331	5.110		4.039		18.820	6.273		4.037	
	4303		145			6771		145		+ 22.979
	4158		146			6626		144		- 29.771
	4012		291			6482		289		- 6.792
12	12.473	4.158		4.330		19.879	6.626		4.326	
	4333		117			6975		112		
	4216		118			6863		116		T.B.M. TE 404
	4098		235			6753		222		FOOTHILL BLVD & SIERRA
13	12.647	4.216		4.565		20.591	6.864		4.548	MADRE VILLA AVE, N.W. COR.
		22.979					29.771			B. SPK IN CURB 5 FT. W. OF W. END OF CURB RETURN

F.B. 2403 P.G. 43

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 9:45 TO 10:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.BM. 404 To BM. 10-8
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6938		111			4296		118		T.B.M. TE 404
	6827		111			4178		119		FOOTHILL BLVD & SIERRA MADRE
	6716		222			4059		2~~2~~7		VILLA AVE, N.W. COR., B. SPK IN
1	20481	6.827		.222		12533	4.178	3	.2~~2~~7	CURB 5 FT. W. OF W. END C.R.
	6748		146			4279		144		
	6602		143			4135		144		
	6459		289			3991		288		⊼ J. MOODY
2	19809	6.603		511		12405	4.135		5~~1~~5	
	6518		192			5353		194		
	6326		190			5159		190		
	6136		382			4969		384		
3	18980	6.327		893		15481	5.160		.~~8~~9	
	5239		191			4703		184		
	5048		190			4519		186		
	4858		381			4333		370		
4	15145	5.048		1274		13555	4.518		12~~6~~9	
	5074		192			5092		193		
	4882		190			4899		191		+ 29.688
	4692		382			4708		384		- 22.891
5	14648	4883		1656		14699	4.900		16~~5~~3	+ 6797
		29.688					22891			

F.B. 2403 P.G. 154

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50910
Notes by G. E. DREIER Time 9:45 TO 10:35 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From T.B.M. TE 404 To B.M. 10-8
Date
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
									6	B.M. (CITY OF PASS.?) FOOTHILL BLVD., 52 FT. W. OF E INTER. OF TITLEY AVE., B. SPK IN CONC. IN 2" I.P. 9" BELOW
	5958		136	1.656		4665		135	1633	SURFACE UNDER CAST IRON COVER LETTERED "B. M."
	5822		136			4530		133		
	5686		272			4397		268	3	
6	17.466	5.822		1928		13.592	4.531		1931	
	5759		131			5152		133		
	5628		132			5019		131		
	5496		263			4888		264	9	
7	16.883	5.628		2.191		15.059	5.020		2185	
	5348		186			4239		191		+16.613
	5162		182			4048		189		- 13.600
	4980		368			3859		380	7	+ 3.013
8	15.490	5.163		2.559		12.146	4.049		2565	
	5491	16.613	212			6272	13.600	218		F.C.B.M. 60-62 1953
	5279		208			6054		216		FOOTHILL BLVD. & EATON WASH,
	5071		420			5838		434	3009	S.E. COR., F.C. DISC. IN WALL
9	15.841	5.280		2.979		18.164	6.055		~~2999~~	95 FT. W. OF E. END OF CONC.
										GAURD RAIL

F.B. 403 P.G. 55

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by T. OHASHI Time 9:45 TO 10:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From T.B.M. TE404 To B.M. 10-8
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5890	5.280	212	2979		5191	[illegible]	205	3009 ~~2.999~~	
	5678		211			4986		205		
	5467		423			4781		410		
10	17035	5.678		3402		14958	[illegible]		3.4~~0~~9	
	6199		201			3359		193		
	5998		199			3166		192		
	5799		400			2974		385		
11	17996	5.999		3.802		9.499	3.166		3.~~7~~80~~4~~	
	6535		184			1358		189		
	6351		184			1169		190		
	6167		368			0979		379		
12	19053	6.351		4.~~2~~70		3.506	1.169		4.1~~7~~8 3	
	9698		189			3711		193		+32.817
	9509		188			3518		190		-18.895
	9321		377			3328		383		+13.922
13	28.528	9.509		4.~~6~~47		10.557	3.519		4.5~~5~~6	
		32.817					18.895			

B.M. 10-8
FOOTHILL BLVD. & DAISY AVE
SEE F.B. 1375-132 FOR DESC

F.B. 2403 P.G. 156

76P526 S & E #379 1-54

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Chief of Party S. E. DREIER Weather OVERCAST Inst. No 50010
Notes by T. OHASHI Time 1050 TO 1200 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 030102
From B.M. 10-8 To T.B.M. TE 404
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3667		192		#11	9651		188		B.M. 10-8
	3475		192			9463		186		FOOTHILL BLVD. & DAISY AVE
	3283		384			9277		374		SEE F.B. 1375-132 FOR DESC
1	10425	3.475		384		28391	9.464		374	
	1345		190			6571		183		
	1205		188			6388		183		T. J. MOODY
	1017		378			6205		366		
2	3617	1.206		762		19164	6.388		740	
	3459		192			6299		200		
	3267		192			6099		198		
	3075		384			5901		398		
3	9801	3.267		1.146		18299	6.100		1.138	
	5263		204			5905		210		
	4999		202			5695		213		
	4797		406			5482		423		
4	14999	5.000		1.552		17092	5.694		1.561	
	6285		218			5503		211		+ 19.016
	6067		216			5292		210		- 32.938
	5851		434			5082		421		- 13.922
5	18203	6.068		1.986		15877	5.292		1.582	
		19.016					32.938			

F.B. 2403 P.G. 157

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:50 TO 12:00 Rod No. 11812

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
										F.C.B.M. 60-62 1953 FOOTHILL BLVD. & EATON WASH, S.E. COR, F.C. BRASS DISC IN CONC. WALK, 95 FT. W. OF E. END OF CONC. GAURD RAIL
	4231		192	1.986		5339		184	1.982	
	4039		188			5155		184		
	3851		380			4971		368		
6	12.121	4.040		2.366		15.465	5.155		2.350	
	5162		133			5768		133		
	5029		131			5635		133		
	4898		264			5502		266		
7	15.089	5.030		2.630		16.905	5.635		2.616	
	4689		136			5981		138		+ 13.624
	4553		134			5843		135		- 16.634
	4419		270			5708		273		- 3.010
8	13.661	4.554		2.900		17.532	5.844		2.889	
		13.624					16.634			B.M. FOOTHILL BLVD.

F.B. 2403 P.G. 158

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by T. OHASHI Time 10:50 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-8 To T.B.M. TE 404
Date 4-24-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5077		195	2900		5058		192	2.889	
	4882		191			4866		191		
	4691		386			4675		383		
9	14650	4.883		3286		14599	4866		3.272	
	4635		185			5175		193		
	4450		185			4982		191		
	4265		370			4791		384		
10	13350	4450		3656		14948	4983		3.656	
	5273		194			6439		191		
	5079		190			6248		190		
	4889		384			6058		381		
11	15241	5.080		4040		18745	6.248		4.037	
	4278		146			6740		142		+ 22.733
	4132		147			6598		145		- 29.533
	3985		293			6453		287		- 6.800
12	12395	4.132		4333		19791	6.597		4.324	F.B. 2403 PG. 155
	4306		119			6951		111		T.B.M. TE 404
	4187		116			6839		111		FOOTHILL BLVD. & SIERRA MADRE
	4071		235			6728		222		VILLA AVE. N.W. COR.,
13	12564	4.188		4568		20518	6.839		4.548	B.SPK IN CURB 5' W. OF
		22.733					29.533			W. END OF CURB RETURN

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Inst. No. 50010
Notes by Time Rod No. 11 & 12

Name L.A. CO PRECISE LEVEL NET
Job No 030102
From To
Date
Indexed

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS

F.B. 2403 PG. 160

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 03.01.02
From T.B.M. TE 404 To B.M. 10-10
Date 4-24-56
Indexed ~~A. C. Johnson~~

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.899		188		#11	7.492		197		T.B.M. TE404
	3.711		186			7.295		193		FOOTHILL BLVD. & SIERRA MADRE
	3.525		374			7.102		390		VILLA AVE., N.W. COR. B.SPK IN
1	11.135	3.712		.374	65°	21.889	7.296		390	CURB 5' W. OF W. END C.R.
	3.765		197			7.695		189		
	3.568		195			7.506		188		
	3.373		392			7.318		377		↑ J. MOODY
2	10.706	3.569		.766		22.519	7.506		.767	
	3.838		190			6.879		186		
	3.648		189			6.693		185		
	3.459		379			6.508		371		
3	10.945	3.648		1.145		20.080	6.693		1.138	
	3.693		170			6.679		161		
	3.523		168			6.518		160		
	3.355		338			6.358		321		
4	10.571	3.524		1.483		19.555	6.518		1.459	
	4.171		186			6.258		181		
	3.985		184			6.077		184		
	3.801		370			5.893		365		
5	11.957	3.986		1.853		18.228	6.076		1.824	
		18.439					34.089			

F.B. 2403 P.G. 61

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From T.B.M. T E404 To B.M. 10-10
Date
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				53					24	
	3,752	18,439	184	1.824		6,519	34,089	186	1.853	
	3.568		184			6.333		186		
	3.384		368	221		6.147		372	196	
6	10.704	3.568		2.772		18.999	6.333		2.225	
	2.868		189			7.055		188		
	2.679		187			6.867		188		
	2.492		376	97		6.679		376	572	
7	8.039	2.680		2.568		20.601	6.867		2.601	
	4.968		183			7.131		173		
	4.785		183			6.958		171		
	4.602		366	63		6.787		344	16	
8	14.355	4.785		2.934		20.876	6.959		2.945	
	4.512		189			5.682		188		
	4.323		185			5.494		187		
	4.138		374	37		5.307		375	291	
9	12.973	4.324		3.388		16.483	5.494		3.325	
	6.643		191			4.598		187		
	6.452		190			4.411		190		
	6.262		381	718		4.221		377	68	
10	19.357	6.452		3.689		13.230	4.410		3.697	
		40.248					64.152			

F.B. 2403 P.G. 162

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From T.B.M. TE 404 To B.M. 10-10
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				718					68	
	6.342	40.248	184	3.689		4.275	64.152	183	3.697	
	6.158		185			4.092		180		
	5.973		369	79		3.912		363	31	
11	18.473	6.158		4.058		12.279	4.093		4.060	
	6.237		146			4.918		146		
	6.091		144			4.772		144		
	5.947		290	69		4.628		290	21	
12	18.275	6.092		4.348		14.318	4.773		4.350	
	6.492		129			6.299		126		+ 58.862
	6.363		126			6.173		122		− 79.192
	6.237		255	24		6.051		248	69	− 20.330
13	19.092	6.364		4.603		18.523	6.174		4.578	
		58.862					79.192			SIERRA MADRE D-6 1940
										FOOTHILL BLVD. FT E. OF ℄ OF ROSEMEAD BLVD. FT. N. OF ℄ FOOTHILL UNDER COVER
	5.179		197			7.673		191		
	4.982		196			7.482		187		
	4.786		393	5017		7.295		378	47	
14	14.947	4.982		4.976		22.450	7.483		4.976	

F.B. 2102 P.G. 16

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: HAZY - SUN Inst. No. 50010
Notes by: G. E. DREIER Time: 1:30 TO 2:50 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: T.B.M. TE 404 To: B.M. 10-10
Date: 4-24-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				5017					47	
	3.754	4.982	186	~~4.996~~		7.305	7.483	193	4.976	
	3.568		188			7.112		190		
	3.380		374	91		6.922		383	30	
15	10.702	3.567		5.370		21.339	7.113		5.359	
	3.153		184			6.697		185		
	2.969		182			6.512		181		
	2.787		366	57		6.331		366	696	
16	8.909	2.970		5.736		19.540	6.513		5.725	
	3.708		189			7.222		184		
	3.519		187			7.038		184		
	3.332		376	33		6.854		368	64	
17	10.559	3.520		6.112		21.114	7.038		6.093	
	3.952		190			7.279		190		+ 24.931
	3.762		186			7.089		190		- 42.041
	3.576		376	509		6.899		380		- 17.110
18	11.290	3.763		6.488		21.267	7.089		6.473	
	6.252		123			6.908		104		
	6.129		122			6.804		102		B.M. 10-10
	6.007		245	54		6.702		206	50	FOOTHILL BLVD & MICHILLINDA AVE.
19	18.388	6.129		6.733		20.414	6.805		6.679	SEE F.B. 1375-134 FOR DESC.
	8	24.931					42.041		6.733	
									12412	
									= 0.86mi.	

F.B. 2403 P.G. 164

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE - SUN Inst. No. 500.10
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 10-10 To T.B.M. TE 404
Date 4-24-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.582		117			4.901		112		B.M. 10-10
	5.465		117			4.789		111		FOOTHILL BLVD. & MICHILLINDA AVE
	5.348		234			4.678		223		SEE F.B. 1375-134 FOR DESC
1	16.395	5.465		.234		14.368	4.789		.223	
	7.283		192			3.953		188		
	7.091		189			3.765		186		T J. MOODY
	6.902		381			3.579		374		
2	21.276	7.092		.615		11.297	3.766		.597	
	7.186		184			3.672		189		
	7.002		183			3.483		185		
	6.819		367			3.298		374		
3	21.007	7.00½		.982		10.453	3.484		.971	
	6.735		184			3.191		186		
	6.551		184			3.005		184		
	6.367		368			2.821		370		
4	19.653	6.551		1.350		9.017	3.006		1.341	
	7.331		192			3.779		188		
	7.139		191			3.591		188		
	6.948		383			3.403		376		
5	21.418	7.139		1.733		10.773	3.591		1.717	
		33.249					18.636			

F.B. 2403 P.G. 165

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN Inst. No. 50010
Notes by G. E. DREIER Time 2150 TO 4[illegible] Rod No. 11812

Name **L. A. CO.** PRECISE LEVEL NE
Job No. 0301.02
From B.M. 10-10 To T.B.M. JE 404
Date 4-24-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7,608	33.249	196	1733		5.117	18.[illegible]36	199	1.717	+40.667
	7.418		190			4918		199		-23.554
	7.228		380			4719		398		+17.113
6	22,254	7.418		2.113		14,754	4.[illegible]8		2.115	
		40.667 -					23.[illegible]4 -			SIERRA MADRE D-6, P40 FOOTHILL BLVD. FT. E. OF ROSEMEAD BLVD.
	6,293		125			6,488		129		
	6,168		125			6.359		128		
	6,043		250			6.231		257		
7	18,504	6,168		2,363		19,078	6.[illegible]59		2,372	
	5,002		144			6.327		148		
	4,858		145			6,179		146		
	4.713		289			6,033		294		
8	14,573	4,858		2,652		18,539	6,180		2,666	
	4302		181			6,377		186		
	4,121		179			6,191		183		
	3,942		360			6,008		369		
9	12,365	4,122		3,012		18,576	6.[illegible]2		3,035	
		15,148					18,131			

F.B. 2463 P.G. 166

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUN. HAZE Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.07
From B.M. 10-10 To T.B.M. TE 404
Date 4-24-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.603	15.148	188	3.012		6.644	18.731	190	3.035	
	4.415		187			6.454		187		
	4.228		375			6.267		377		
10	13.246	4.415		3.387		19.365	6.455		3.412	
	5.731		188			4.558		187		
	5.543		186			4.371		186		
	5.357		374			4.185		373		
11	16.631	5.544		3.761		13.114	4.371		3.785	
	6.399		172			4.238		180		
	6.227		172			4.058		180		
	6.055		344			3.878		360		
12	18.681	6.227		4.105		12.174	4.058		4.145	
	7.907		189			3.727		190		
	7.718		186			3.537		189		
	7.532		375			3.348		379		
13	23.157	7.719		4.480		10.612	3.537		4.524	
	7.605		193			4.819		178		
	7.412		193			4.641		176		
	7.219		386			4.465		354		
14	22.236	7.412		4.886		13.925	4.642		4.878	
		46.465					41.794			

F.B. 2403 P.G. 161

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIEN Weather HAZE - SUN Inst. No 50010
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No. 11&12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-10 To T.B.M. TE 404
Date 4-26-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.228	46.465	183	4.8~~7~~6		5.135	41.794	187	4.878	
	7.045		182			4.948		189		
	6.863		365			4.759		376		
15	21.136	7.045		5.2~~4~~31		14.842	4.[illegible]47		5.254	
	7.619		165			4.634		172		
	7.454		166			4.462		170		
	7.288		331			4.292		342		
16	22.361	7.454		5.5~~7~~62		13.388	4.463		5.596	
	6.953		187			3.911		189		
	6.766		183			3.722		189		
	6.583		370			3.533		378		
17	20.302	6.767		5.9~~4~~32		11.166	3.722		5.974	
	7.651		189			3.719		197		+82.628
	7.462		188			3.522		194		-62.303
	7.274		377			3.328		391		+20.325
18	22.387	7.462		6.3~~1~~09		10.569	3.[illegible]23		6.365	
	7.639		204			4.034		180		T.B.M. TE 404
	7.435		203			3.854		179		FOOTHILL BLVD. & SIERRA MADRE
	7.232		407			3.675		359		VILLA AVE.
19	22.306	7.435		6.7~~2~~16		11.563	3.854		6.724	
		82.628					62.303			

F.B. 2403 P.G. 168

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather cloudy Inst. No. 50010
Notes by J. A. moody Time 8:45 to 9:50 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 10-10 To BM 10-11
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4695		183		#11	6170		198		BM 10-10
	4512		182			5972		195		Foothill Bl. & Michillinda Ave
	4330		365			5777		393		See F.B. 1375-134 for desc.
1	13537	4512		365		17919	5973		393	
	4597		198			6238		196		
	4399		198			6042		194		↑ G E DREIER
	4201		396			5848		390		
2	13197	4399		761		18128	6043		783	
	5632		200			5484		200		
	5432		199			5284		197		
	5233		399			5087		397		
3	16297	5432		1160		15855	5285		1180	
	4902		200			5296		198		
	4702		199			5098		198		
	4503		399			4900		396		
4	14107	4702		1559		15294	5098		1576	
	4589		198			5578		199		
	4391		198			5379		199		
	4193		396			5180		398		
5	13173	4391		1955		16137	5379		1974	
		23.436					27.778			

F.B. 2403 P.G. 169

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by J. A. MOODY Time 8:45 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-10 To BM 10-11
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3529	23.436	201	1955		7732	27.778	196	1974	
	3328		198			7536		198		
	3130		399			7338		394		
6	69.987	3.329		2354		22606	7.535		2368	
	6173		194			7393		196		
	5979		190			7197		198		
	5789		384			6999		394		
7	17941	5.980		2738		21589	7.196		2762	
	2072		198			8146		199		
	1874		198			7947		197		
	1676		396			7750		396		
8	5622	1.874		3134		23.843	7.948		3158	
	2624		206			6430		195		
	2418		207			6235		194		
	2211		413			6041		389		
9	7253	2.418		3547		18706	6.235		3547	
	5411		200			5119		197		
	5211		199			4922		193		
	5012		399			4729		390		
10	15634	5.211		3946		14.770	4.923		3937	
		42.248					61.615			

F.B. 2463 P.G. 170

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by J. A. MOODY Time 8:45 to 9:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-10 To BM 10-11
Date 4-25-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4009	42.248	154	3946		7277	61.615	154	3937	
	3855		155			7123		153		
	3700		309			6970		307		
11	11.564	3.855		4.255		21370	7.123		4.244	
	4830		197			5535		197		
	4633		194			5338		195		
	4439		391			5143		392		
12	13902	4.634		4.646		16016	5.339		4.636	
	4.747		238			7483		235		B.M. 10-11 (SIERRA MADRE F-6)
	4.509		240			7248		235		FOOTHILL BLVD & W. OF OLD
	4.269		478			7013		470		RANCH RD.
13	13.525	4.508		5.124		21.744	7.248		5.106	
									5124 10230 =0.66 mi.	SEE F.B. 1375-135 FOR DESC
										SUMMATION OF RUN BM 10-10 to BM 10-11
										TOTAL BACKSIGHTS +55.245
										" FORE -81.325
										DIFF IN ELEV. -26.080
		55.245					81.325			

F.B. 2403 P.G. 171

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Cloudy Inst. No. 500.10
Notes by J. A. Moody Time 9.50 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-11 To BM 10-10
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7898		236			4658		238		
	7162		234			4420		239		
	6928		470			4181		477		
1	21488	7163		470		13259	4420		477	
	5508		196			4808		198		
	5312		195			4610		196		
	5117		391			4414		394		
2	15937	5312		861		13832	4611		871	
	7571		160			4297		156		
	7411		160			4141		153		
	7251		320			3988		309		
3	22233	7411		1181		12426	4142		1180	
	5274		194			5580		200		
	5080		192			5380		201		
	4888		386			5179		401		
4	15242	5081		1567		16139	5380		1581	
	6840		205			3015		196		
	6635		204			2819		197		
	6431		409			2622		393		
5	19906	6635		1976		8456	2819		1974	
		31602					21372			

F.B. 2403 P.G. 172

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather cloudy Inst. No. 50010
Notes by J. A. Moody Time 9:50 to 10:50 Rod No. 11 #12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From BM 10-11 To BM 10-10
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8423	31.602	200	1976		2350	21.372	197	1974	
	8223		200			2153		196		
	8023		400			1957		393		
6	24669	8.223		2376		6460	2.153		2367	
	7650		197			6439		192		
	7462		196			6247		192		
	7266		393			6055		384		
7	22387	7.462		2769		18741	6.247		2751	
	8050		197			3848		198		
	7853		194			3650		197		
	7659		391			3453		395		
8	23562	7.854		3160		10951	3.650		3146	
	5847		199			4865		199		
	5648		196			4666		198		
	5452		395			4468		397		
9	16947	5.649		3555		13999	4.666		3543	
	5605		201			5208		198		
	5404		199			5010		199		
	5205		400			4811		397		
10	16214	5.405		3955		15029	5.010		3940	
		66.195					43.098			

F.B. 2403 P.G. 173

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Cloudy Inst. No. 500.10
Notes by J. A. Moody Time 9:50 to 10:50 Rod No. 118/12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-11 To BM 10-10
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5452	66195	196	3955		5610	43098	203	3940	
	5256		198			5407		202		
	5058		394			5205		405		
11	15766	5255		4349		16222	5407		4345	
	6320		201			4673		194		
	6119		200			4479		194		
	5919		401			4285		388		
12	18358	6119		4750		13437	4479		4733	
	6272		185			4823		192		BM 10-10
	6087		185			4631		192		Foothill Bl. & Michillinda Ave
	5902		370			4439		384		See F.B. 1375-134 for desc.
13	18261	6087		5120		13893	4631		5117	
										Summation of run BM 10-11 to BM 10-10
										Total Backsights + 83.656
										" Fore " − 57.615
										Diff in Elev. + 26.041
		83.656 −					57.615			

F.B. 2403 P.G. 174

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 11:10 to 12:15 Rod No 11 & 12

Name [illegible]
Job No. 0301.02
From BM 10-10 To BM 10-11
Date 4-25-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4779		189		#11	6241		192		BM 10-10
	4590		187			6049		190		Foothill Bl. & Michillinda Ave
	4403		376			5859		382		See F.B. 1375-134 for desc.
1	13.772	4.591		376	70°	18.149	6.050		382	
	4710		197			6357		198		
	4513		195			6159		196		* G.E. DREIER
	4318		392			5963		394		
2	13.541	4.514		768		18.479	6.160		776	
	5574		195			5434		204		
	5379		196			5230		203		
	5183		391			5027		407		
3	16.136	5.378		1.159		15.691	5.230		1.183	
	5198		200			5595		202		
	4998		200			5393		200		
	4798		400			5193		402		
4	14.994	4.998		1.559		16.181	5.394		1.585	
	4840		206			5812		192		
	4634		206			5620		191		
	4428		412			5429		383		
5	13.902	4.634		1.971		16.861	5.620		1.968	
		24.115					28.454			

F.B. 2403 P.G. 125

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Sunny Inst. No. 50010
Notes by J. A. Moody Time 11:10 to 12:15 Rod No. 11 & 12

Name
Job No. 03.01.02
From BM 10-10 To BM 10-11
Date 4-25-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3852	24.113	197	1971		8059	28.054	197	1968	
	3655		193			7862		196		
	3462		390			7666		393		
6	10.969	3.656		2361		23.587	7.862		2361	
	6457		190			7684		200		
	6267		189			7484		202		
	6078		379			7282		402		
7	18802	6.267		2740		22450	7.483		2763	
	2334		194			8413		201		
	2140		193			8212		199		
	1947		387			8013		400		
8	6421	2.140		3.127		24638	8.213		3163	
	2860		203			6671		198		
	2657		202			6473		196		
	2455		405			6277		394		
9	7972	2.657		3532		19421	6.474		3557	
	5595	39.835	205			5288	5.6	190		
	5390		206			5098		188		
	5184		411			4910		378		
10	16169	5.390		3943		15296	5.099		3935	
		44225					63.585			

F.B. 2403 PG. 176

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather Sunny Inst. No. 50010
Notes by S. A. Moody Time 11:10 to 12:15 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From BM 10-10 To BM 10-11
Date 4-25-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4258	4.223	153	3943		7534	7.585	159	3935	
	4105		152			7375		158		
	3953		305			7217		317		
11	12316	4.105		4248		22126	7.375		4252	
	4810		198			5511		195		
	4612		196			5316		197		
	4416		394			5119		392		
12	13838	4.613		4642		15946	5.315		4644	
	4753		237			7497		235		BM 10-11
	4516		238			7262		234		foothill Bl. West of old Ranch
	4278		475			7028		469		Road
13	13547	4.516		5117		21787	7.262		5113	See FB. 1375-135 for desc.

Summation of Run
BM 10-10 to BM 10-11
Total Backsights +57.459
" Fore " -83.537
Diff in Elev. -26.078

57.459
60

83.537

F.B. 2403 P.G. 177

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-11 To BM 10-10
Date 4-26-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7538		235		#11	4798		238		BM 10-11
	7303		235			4560		241		Foothill BL & West of OLD
	7068		470			4319		479		RANCH ROAD
1	21909	7303		470	70°	13677	4559		479	SEE F.B. 1375-135 for DESC.
	5423		193			4724		197		
	5230		193			4527		197		
	5037		386			4330		394		
2	15690	5230		856		13581	4527		873	
	7285		155			4019		157		
	7130		153			3862		155		
	6977		308			3707		312		
3	21392	7131		1164		11588	3263		1185	
	5047		200			5335		197		
	4847		196			5138		197		
	4651		396			4941		394		
4	14545	4848		1560		15414	5138		1579	
	6422		201			2605		202		
	6221		199			2403		201		
	6022		400			2202		403		
5	18665	6222		1960		7210	2403		1982	
		30734					20490			

F.B. 2403 PG. 178

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-11 To BM 10-10
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8068	30.734	203	1960		1988	20.490	198	1982	
	7865		203			1790		197		
	7662		406			1593		395		
6	23595	7.865		2366		5371	1.790		2377	
	7272		198			6053		191		
	7074		197			5862		191		
	6877		395			5671		382		
7	21223	7.074		2761		17586	5.862		2759	
	7730		197			3524		197		
	7533		195			3327		199		
	7338		392			3128		396		
8	22601	7.534		3153		9979	3.326		3155	
	5608		201			4615		196		
	5407		201			4419		196		
	5206		402			4223		392		
9	16221	5.407		3555		13257	4.419		3547	
	5414		202			5014		197		
	5212		200			4817		198		
	5012		402			4619		395		
10	15638	5.213		3957		14450	4.817		3942	
	63827 —					40704 —				

F.B. 2405 P.G. 179

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SUNNY Inst. No. 50010
Notes by J. A. MOODY Time 1:15 to Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 10-11 To BM 10-10
Date 4-25-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5098	63.827	200	3957		5243	40.704	199	3942	
	4898		200			5044		197		
	4698		400			4847		396		
11	14694	4.898		4357		15134	5045		4338	
	6012		199			4362		196		
	5813		196			4166		197		
	5617		395			3969		393		
12	17442	5.814		4752		12497	4.166		4731	
	6017		186			4570		198		BM 10-10
	5831		185			4372		198		Foot Hill Bl & McWillinda Ave
	5646		371			4174		396		See F.B. 1375-134 for DESC.
13	17494	5.831		5123		13116	4372		5127	
										Summation of Run
										BM 10-11 to BM 10-10
										Total Backsights + 80.370
										" Fore " - 54.287
										Diff in Elev. + 26.083

F.B. 2403 P.G. 180

80.370 54.287

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No 5a010
Notes by G. E. DREIER Time 9:15 TO 9:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 10-11 To B.M. 10-12
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.458		197		#11	8.825		202		B.M. 10-11 (SIERRA MADRE 1940 F-6)
	2.261		194			8.623		201		FOOTHILL BLVD. W. OF OLD RANCH RD
	2.067		391			8.422		403		SEE F.B. 1375-135 FOR DESC
1	6.786	2.262		.391	60°	25.870	8.623		.403	
	1.678		187			8.223		198		J. MOODY
	1.491		189			8.035		189		
	1.302		376			7.846		377		
2	4.471	1.490		.768		24.104	8.035		.780	
	2.829		236			7.479		240		B.M. 10-12 (SIERRA MADRE 1940 F-6A)
	2.593		234			7.239		236		FOOTHILL BLVD. & BALDWIN AVE.
	2.359		470			7.003		476		SEE F.B. 1375-136 FOR DESC
3	7.781	2.594		1.238		21.721	7.240		1.256	
									1.238 2.494 =0.16 mi	SUMMATION OF RUN
										B.M. 10-11 TO B.M. 10-12
										TOTAL BACKSIGHTS +6.346
										TOTAL FORESIGHTS -23.898
										DIFF IN ELEVATION -17.552
		6.346					23.898			

P.G. _____ F.B. _____

F.B. 2403 PG. 181

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 9:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 10-12 To B.M. 10-11
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.359		240		#11	2.712		236		B.M. 10-12 (SIERRA MADRE 1940 F-6A)
	7.119		237			2.476		235		FOOTHILL BLVD. & BALDWIN AVE.
	6.882		477			2.241		471		SEE F.B. 1375-136 FOR DESC.
1	21.360	7.120		.477	60°	7.429	2.476		.471	
	8.278		190			1.731		189		
	8.088		189			1.542		187		TT J. MOODY
	7.899		379			1.355		376		
2	24.265	8.088		.856		4.628	1.543		.847	
	8.919		205			2.547		195		
	8.714		203			2.352		193		B.M. 10-11 (SIERRA MADRE 1940 F-6)
	8.511		408			2.159		388		FOOTHILL BLVD. & W. OF OLD RANCH RD.
3	26.144	8.715		1.264		7.058	2.353		1.235	SEE F.B. 1375-135 FOR DESC.
										SUMMATION OF RUN
										B.M. 10-12 TO B.M. 10-11
										TOTAL BACKSIGHTS + 23.923
										TOTAL FORESIGHTS - 6.372
										DIFF IN ELEVATION + 17.551
		23.923					6.372			

F.B. 2403 Pg. 1 & 2

F.B. ..... P.G. .....

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO Rod No. 11 & 12

L. A. CO. PRECISE LEVEL NET

Name
Job No. 03.01.02
From B.M. 10-12 To B.M. 11-1
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.509		195			7.015		188		B.M. 10-12 (SIERRA MADRE F-6A)
	3.314		192			6.827		188		FOOTHILL BLVD. & BALDWIN AVE.
	3.122		387			6.639		376		SEE F.B. 1375-136 FOR DESC.
1	9.945	3.315		.387		20.481	6.827		.376	
	3.749		198			6.884		189		
	3.551		194			6.695		189		T J. MOODY
	3.357		392			6.506		378		
2	10.657	3.552		.779		20.085	6.695		.754	
	4.105		093			6.236		098		
	4.012		094			6.138		096		
	3.918		187			6.042		194		
3	12.035	4.012		.966		18.416	6.139		.948	
	3.842		189			7.011		193		
	3.653		186			6.818		190		
	3.467		375			6.628		383		
4	10.962	3.654		1.341		20.457	6.819		1.331	
	3.689		196			6.973		191		
	3.493		195			6.782		189		
	3.298		391			6.593		380		
5	10.480	3.493		1.732		20.348	6.783		1.711	
		18.026					33.263			

F.B. 2423 P.G. 183

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: CLOUDY Inst. No.: 50010
Notes by: G.E.DREIER Time: 9:30 TO Rod No.: 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M.10-12 To: B.M.11-1
Date: 4-27-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.092	18.026	191	1.732		7.128	33.[illegible]63	195	1.711	
	2.901		190			6.933		191		
	2.711		381			6.742		386		
6	8.704	2.901		2.113		20.803	6.134		2.097	
	3.053		191			7.151		194		
	2.862		189			6.957		194		
	2.673		380			6.763		388		
7	8.588	2.863		2.493		20.871	6.[illegible]57		2.495	
	3.007		192			7.031		190		
	2.815		193			6.841		189		
	2.622		385			6.652		379		
8	8.444	2.815		2.878		20.524	6.[illegible]41		2.884	
	3.031		195			7.151		196		
	2.836		191			6.955		193		
	2.645		386			6.762		389		
9	8.512	2.837		3.264		20.868	6.[illegible]6		3.283	
	3.097		195			7.166		195		
	2.902		192			6.971		194		
	2.710		387			6.777		389		
10	8.709	2.903		3.651		20.914	6.[illegible]71		3.652	
		32.385					67.922			

F.B. 2403 P.G. 184

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 10-12 To B.M. 11-1
Date 4-27-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.072	32.335	191	3.651		7.191	67.922	192	3.652	
	2.881		190			6.999		193		
	2.691		381			6.806		385		
11	8.644	2.881		4.032		20.996	6.999		4.037	
	4.213		072			6.618		076		
	4.141		072			6.542		074		B.M. 11-1 (SIERRA MADRE G-6)
	4.069		144			6.468		150		FOOTHILL BLVD. AT HOUSE # 290
12	12.423	4.141		4.176		19.628	6.543		4.187	SEE F.B. 1376-6 FOR DESC.
									4.176 8.363 =0.54 mi	
										SUMMATION OF RUN
										B.M. 10-12 TO B.M. 11-1 TOTAL BACKSIGHTS + 39.357 TOTAL FORESIGHTS - 81.464 DIFF IN ELEVATION -42.107
										F.B. 2403 P.G. 12
		39.357					81.464			

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 12-1 To B.M. 10-12
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.614		075			4.210		073		B.M. 11-1 (SIERRA MADRE G-6)
	6.539		075			4.137		071		FOOTHILL BLVD AT HOUSE #290
	6.464		150			4.066		144		SEE F.B. 1376-6 FOR DESC
1	19.617	6.539		.150		12.413	4.138		.144	
	7.158		195			3.038		190		
	6.963		192			2.848		192		
	6.771		387			2.656		382		↑ J. MOODY
2	20.892	6.964		.537		8.542	2.847		.526	
	7.111		194			3.039		194		
	6.917		194			2.845		192		
	6.723		388			2.653		386		
3	20.751	6.917		.935		8.537	2.846		.912	
	7.059		195			2.939		191		
	6.864		192			2.748		195		
	6.672		387			2.553		386		
4	20.595	6.865		1.322		8.240	2.747		1.298	
	7.091		192			3.067		194		
	6.899		190			2.873		190		
	6.709		382			2.683		384		
5	20.699	6.900		1.704		8.623	2.874		1.682	
		34.185					15.452			

F.B. 2403 P.G. 186

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:00 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-1 To B.M. 10-12
Date 4-27-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.151	34.185	193	1.704 (694)		3.051	15452	192	1.682	
	6.958		193			2.859		188		
	6.765		386			2.671		380		
6	20.874	6.958		2.080		8.581	2.860		2.062	
	7.072		193			3.037		192		
	6.879		191			2.845		190		
	6.688		384			2.655		382		
7	20.639	6.880		2.464		8.537	2.846		2.444	
	6.919		186			3.647		200		
	6.733		185			3.447		199		
	6.548		371			3.248		399		
8	20.200	6.733		2.845		10.342	3.447		2.843	
	7.031		192			3.861		189		
	6.839		190			3.672		187		
	6.649		382			3.485		376		
9	20.519	6.840		3.227		11.018	3.673		3.219	
	6.279		095			4.152		094		
	6.184		094			4.058		095		
	6.090		189			3.963		189		
10	18.553	6.184		3.406		12.173	4.058		3.408	
		67.780					32.336			

F.B. 2403 P.G. 187

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: CLOUDY Inst. No: 50010
Notes by: G. E. DREIER Time: 10:20 TO 11:00 Rod No: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No: 0301.02
From: B.M. 11-1 To: B.M. 10-12
Date: 4-27-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.843	6.780	190	3.416		3.711	3.336	199	3.408	
	6.653		187			3.512		195		
	6.466		377	8		3.317		394		
11	19.962	6.654		3.783		10.540	3.513		3.802	
	7.074		189			3.563		192		
	6.885		186			3.371		193		B.M. 10-12 (SIERRA MADRE 1940 F-6A)
	6.699		375	5		3.178		385		FOOTHILL BLVD. & BALDWIN AVE
12	20.658	6.886		4.188	62°	10.112	3.371		4.187	SEE F.B. 1375-136 FOR DESC.
										SUMMATION OF RUN
										B.M. 11-1 TO B.M. 10-12
										TOTAL BACKSIGHTS +81.320
										TOTAL FORESIGHTS -39.220
										DIFF IN ELEVATION +42.100
		81.320					39.220			

F.B. 2403 P.G. 188

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: CLOUDY Inst. No. 50010
Notes by: T. OHASHI Time: 11:25 TO 1200 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-1 To: B.M. 11-2
Date: 4-27-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3475		197		#11	8439		187		B.M. 11-1 (SIERRA MADRE G-6)
	3278		199			8252		184		FOOTHILL BLVD. AT HOUSE # 290
	3079		396			8068		371		SEE F.B. 1376-6 FOR DESC.
1	9.832	3.277		.396		24.759	8.253		.371	
	1888		191			8348		191		
	1697		190			8157		194		↑ J. MOODY
	1507		381			7963		385		
2	5092	1.697		.777		24.468	8.156		.756	
	2308		191			7759		192		
	2117		189			7567		193		
	1928		380			7374		385		
3	6.353	2.118		1.157		22.700	7.567		1.141	
	2599		188			7683		192		
	2411		192			7491		192		
	2219		380			7299		384		
4	7.229	2.410		1.537		22.473	7.491		1.525	
	2453		192			7608		193		
	2261		190			7415		192		
	2071		382			7223		385		
5	6.785	2.262		1.919		22.246	7.415		1.910	
		11.764					38.882			

F.B. 2403 P.G. 188

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-1 To B.M. 11-2
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2571	11.764	189	1.919		7631	3.582	192	1.910	
	2382		185			7439		188		
	2197		374			7251		380		
6	7.150	2.383		2.293		22.321	7.440		2.296	
	2259		197			7558		194		
	2062		198			7364		192		
	1864		395			7172		386		
7	6.185	2.062		2.688		22.094	7.365		2.676	
	2196		188			6558		192		
	2008		189			6366		188		
	1819		377			6178		380		
8	6.023	2.008		3.065		19.102	6.367		3.056	
	5449		191			4542		190		
	5258		188			4352		191		
	5070		379			4161		381		
9	15.777	5.259		3.444		13.055	4.352		3.437	
	5479		188			6673		195		
	5291		192			5878		193		
	5099		380			5685		388		
10	15.869	5.290		3.824		17.636	5.879		3.925	
		28.766					70.285			

F.B. 2403 P.G. 190

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 1:00 TO 2:15 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 11-1 To B.M. 11-2
Date 4-27-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4694	28.766	192	3.824		5971	70.285	192	3.825	
	4502		190			5779		191		
	4312		382			5588		383		
11	13,508	4.503		4.206		17,338	5.779		4.208	
	4701		190			5654		182		
	4511		189			5472		180		
	4322		379			5292		362		
12	13,534	4.511		4.585		16,418	5.473		4.570	
	4459		188			5767		188		SUMMATION OF RUN
	4271		189			5579		187		B.M. 11-1 TO B.M. 11-2
	4082		377			5392		375		TOTAL BACKSIGHTS +52.136
13	12,812	4.271		4.962		16,738	5.579		4.945	TOTAL FORESIGHTS -100.386
	4999		191			6331		192		DIFF IN ELEVATION -48.250
	4808		189			6139		188		
	4619		380			5951		380		
14	14,426	4.809		5.342		18,421	6.140		5.325	
	5395		120			7248		117		B.M. 11-2 (SIERRA MADRE I-6)
	5275		117			7131		120		FOOTHILL BLVD. & SANTA ANITA AVE
	5158		237			7011		237		SEE F.B. 1376-7 FOR DESC.
15	15,828	5.276		5.579		21,390	7.130		5.562	
		52.136					100.386		5.579	
									11.141	
									=0.72 MI.	

F.B. 2403 P.G. 191

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Cloudy Inst. No. 50010
Notes by T. OHASHI Time 2:15 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-2 To B.M. 11-1
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7182		120			5328		119		B.M. 11-2 (SIERRA MADRE 1940 I-6)
	7062		117			5209		117		FOOTHILL BLVD. & SANTA ANITA AVE
	6945		237			5092		236		SEE F.B. 1376-7 FOR DESC.
1	21189	7063		237		15629	5210		236	
	6378		187			5053		194		
	6191		188			4859		191		T J. MOODY
	6003		375			4668		385		
2	18572	6191		612		14580	4860		621	
	5798		187			4492		187		
	5611		186			4305		188		
	5425		373			4117		375		
3	16834	5611		985		12914	4305		996	
	5719		182			4767		190		
	5537		179			4577		189		
	5358		361			4388		379		
4	16614	5538		1346		13732	4577		1375	
	6119		192			4838		196		
	5927		190			4648		196		
	5737		382			4458		380		
5	17783	5928		1728		13944	4648		1755	
		30331	—				23600			

F.B. 2403 P.G. 172

76P526 S & E #379 1-54

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Chief of Party: R. E. DREIER Weather: CLOUDY Inst. No. 500.10
Notes by: T. OHASHI Time: 2:15 TO 3:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVELING
Job No. 030102
From: BM. 11-2 To: BM. 11-1
Date: 4-27-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6099	30.331	194	1.728		5509	23.600	196	1.755	
	5905		194			5319		190		
	5711		388			5129		380		
6	17715	5.905		2.116		15957	5.319		2.135	
	4671		192			5575		190		
	4479		191			5385		189		
	4288		383			5196		379		
7	13438	4.479		2.499		16156	5.385		2.514	
	6.544		191			2.179		188		
	6.353		190			1991		189		
	6.163		381			1802		377		
8	19.060	6.353		2.880		5972	1.991		2.891	
	7611		192			2311		199		
	7419		191			2112		197		
	7228		383			1915		396		
9	22258	7.419		3.263		6338	2.113		3.287	
	7607		192			2547		188		
	7415		191			2359		188		
	7224		383			2171		376		
10	22246	7.415		3.646		7077	2.359		3.663	
		61.902					40.767			

F.B. 2403 P.G. 193

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather CLOUDY Inst. No. 50010
Notes by T. OHASHI Time 2:15 TO 3:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-2 To B.M. 11-1
Date 4-27-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7655	61.902	193	3.646		2503	40767	192	3.663	
	7462		191			2311		192		
	7271		384			2119		384		
11	22388	7.463		4.030		6933	2.311		4.047	
	7692		196			2604		191		
	7496		194			2413		190		
	7302		390			2223		381		
12	22490	7.497		4.420		7240	2.413		4.428	SUMMATION OF RUN
	7811		196			2358		190		B.M. 11-2 TO B.M. 11-1
	7615		192			2168		191		TOTAL BACKSIGHTS +100.960
	7423		388			1977		381		TOTAL FORESIGHTS − 52.706
13	22849	7.616		4.808		6563	2.168		4.809	DIFF IN ELEVATION + 48.254
	8402		192			1944		191		
	8210		191			1753		191		
	8019		383			1562		382		
14	24631	8.210		5.191		5259	1.753		5.191	
	8464		192			3481		195		
	8272		193			3293		191		B.M. 11-1 (SIERRA MADRE G-6 1940)
	8079		385			3102		386		FOOTHILL BLVD. & HOUSE # 290.
15	24815	8.272		5.576		9883	3.294		5.577	SEE F.B. 1376-6 FOR DESC
		100.960					52.706			

F.B. 2403 P.G. 194

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0391.02
From B.M. 11-2 To B.M. 11-4
Date 4-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.049		191		#11	5.810		188		B.M. 11-2 (SIERRA MADRE 1940 I-6)
	5.858		190			5.622		187		FOOTHILL BLVD. & SANTA ANITA AVE
	5.668		381			5.435		375		SEE F.B. 1376-7 FOR DESC.
1	17.575	5.858		381	56°	16.867	5.622		.375	
	5.159		196			5.758		189		
	4.963		192			5.569		189		J. MOODY
	4.771		388			5.380		378		
2	14.893	4.964		.769		16.707	5.569		.753	
	5.209		190			6.008		188		
	5.019		186			5.820		185		
	4.833		376			5.635		373		
3	15.061	5.020		1.145		17.463	5.821		1.126	
	5.309		161			6.429		166		
	5.148		159			6.263		165		
	4.989		320			6.098		331		
4	15.446	5.149		1.465		18.790	6.263		1.457	
	4.291		149			5.772		137		
	4.142		146			5.635		137		
	3.996		295			5.498		274		
5	12.429	4.143		1.760		16.905	5.635		1.731	
		25.134					28.910			

+ 25.134
− 28.910
− 3.776

F.B. 2403 P.G.

3.776
= 0.

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:40 Rod No. 11E12

Name L. A. CO. PRECISE LEVEL NF
Job No 0301.02
From B.M. 11-2 To B.M. 11-4
Date 4-30-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1.760					1.731	B.M. 11-3 (METRO. WATER DIST. 1933 53K) FOOTHILL BLVD. & SANTA ANITA WASH SEE F.B. 1376-7 FOR DESC
6	4.191 3.988 3.787 11.966	3.989	203 201 404	2.164		7.278 7.078 6.878 21.234	7.078	200 200 400	2.131	
7	3.242 3.043 2.848 9.133	3.044	199 195 394	2.558		6.513 6.313 6.113 18.939	6.313	200 200 400	2.531	
8	3.366 3.171 2.977 9.514	3.171	195 194 389	2.945		6.611 6.413 6.217 19.241	6.413	198 196 394	2.925	
9	3.258 3.059 2.863 9.180	3.060	199 196 395	3.340		6.499 6.305 6.111 18.915	6.305	194 194 388	3.313	
		13.264					26.110			

F.B. 1403 P.G. 14

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party [redacted] DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 9:30 TO 10:40 Rod No 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-2 To B.M. 11-4
Date 4-30-56
Indexed [redacted] C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.961	13.264	195	3.342		7.930	26.110	199	3.313	
	3.766		195			7.731		199		
	3.571		390			7.532		398		
10	11.298	3.766		3.732		23.193	7.731		3.711	
	3.698		196			7.154		198		
	3.502		193			6.956		198		
	3.309		389			6.752		396		
11	10.509	3.503		4.121		20.868	6.956		4.107	
	3.488		193			7.939		200		
	3.295		196			7.739		196		
	3.099		389			7.543		396		
12	9.882	3.294		4.510		23.221	7.740		4.503	
	3.774		195			8.159		200		
	3.579		194			7.959		200		
	3.385		389			7.759		400		
13	10.738	3.579		4.899		23.877	7.959		4.903	
	3.346		197			8.003		195		
	3.149		196			7.808		196		
	2.953		393			7.612		391		
14	9.448	3.149		5.292		23.423	7.808		5.294	
		30.555					64.304			

F.B. 2403 P.G. 197

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:40 Rod No. 11 & 12

Name L. A. C. [illegible] LEVEL NET
Job No. 0301.02
From B.M. 11-2 To B.M. 11-4
Date 4-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.372	30.555	193	5.290		7.742	64.304	191	5.294	
	3.179		190			7.551		192		
	2.989		383			7.359		383		
15	9.540	3.180		5.673		22.652	7.551		5.677	
	4.150		198			4.719		200		
	3.952		194			4.519		197		
	3.758		392			4.322		397		
16	11.860	3.953		6.065		13.560	4.520		6.074	
	6.402		194			4.395		195		
	6.208		192			4.200		192		
	6.016		386			4.008		387		
17	18.626	6.209		6.453		12.603	4.201		6.461	
	5.369		139			1.656		139		+55.290
	5.230		138			1.517		138		-87.295
	5.092		277			1.379		277		-32.005
18	15.691	5.230		6.738		4.552	1.517		6.738	
	6.228		065			5.269		067		
	6.163		065			5.202		068		B.M. 11-4 (SIERRA MADRE K-6A)
	6.098		130			5.134		135		FOOTHILL BLVD. & McKINLEY PL.
19	18.489	6.163		6.858		15.605	5.202		6.873	SEE F.B. 1376-8 FOR DESC.
	55.290					87.295			6858	
									12.731	

F.B. 2403 P.G. 198

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:40 TO 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-4 To B.M. 11-2
Date 4-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.287		068		#11	6.243		065		B.M. 11-4 (SIERRA MADRE K-6A 1940)
	5.219		067			6.178		065		FOOT HILL BLVD. & MCKINLEY PL.
	5.152		135			6.113		130		SEE F.B. 1376-8 FOR DESC
1	15.658	5.219		.135		18.534	6.178		.130	
	1.648		137			5.366		139		
	1.511		139			5.227		138		⊼ J. MOODY
	1.372		276			5.089		277		
2	4.531	1.510		.411		15.682	5.227		.407	
	4.362		191			6.374		195		
	4.171		192			6.179		194		
	3.979		383			5.985		389		
3	12.512	4.171		.794		18.538	6.179		.796	
	4.749		198			4.185		197		
	4.551		196			3.988		197		
	4.355		394			3.791		394		
4	13.655	4.552		1.188		11.964	3.988		1.190	
	7.748		191			3.379		193		
	7.557		194			3.186		191		
	7.363		385			2.995		384		
5	22.668	7.556		1.573		9.560	3.187		1.574	
		23.008					24.759			

F.B. 2403 P.G. 199

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: THIN OVERCAST Inst. No. 500.10
Notes by: G. E. DREIER Time: 10:40 TO 12:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-4 To: B.M. 11-2
Date: 4-30-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.918	23.008	196	1.573		3.259	3.759	197	1.574	
	7.722		193			3.062		195		
	7.529		389			2.867		392		
6	23.169	7.723		1.962		9.188	3.063		1.966	
	8.128		201			3.741		194		
	7.927		200			3.547		194		
	7.727		401			3.353		388		
7	23.782	7.927		2.363		10.641	3.547		2.354	
	7.955		197			3.511		193		
	7.758		199			3.318		195		
	7.559		396			3.123		388		
8	23.272	7.757		2.759		9.952	3.317		2.742	
	7.103		198			3.647		196		
	6.905		197			3.451		193		
	6.708		395			3.258		389		
9	20.716	6.905		3.154		10.356	3.452		3.131	
	7.925		198			3.961		196		
	7.727		199			3.765		194		
	7.528		397			3.571		390		
10	23.180	7.727		3.551		11.297	3.766		3.521	
		61.047					41.904			

F.B. 2403 P.G. 200

76P626 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

L. A. CO. PRECISE LEVEL NE

Chief of Party: L. E. DREIER — Weather: THIN OVERCAST — Inst. No. 50010
Notes by: C. E. DREIER — Time: 10:40 TO 12:00 — Rod No. 11 & 12

Name:
Job No. 0301.02
From: B.M. 11-4 — To: B.M. 11-2
Date: 4-30-56
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.423	61.047	195	3.551		3.179	41.904	197	3.521	
	6.228		194			2.982		197		
	6.034		389			2.785		394		
11	18.685	6.228		3.940		8.946	2.982		3.915	
	6.542		200			3.299		196		
	6.342		197			3.103		192		
	6.145		397			2.911		388		
12	19.029	6.343		4.337		9.313	3.104		4.303	
	6.479		200			3.209		198		
	6.279		197			3.011		196		
	6.082		397			2.815		394		
13	18.840	6.280		4.734		9.035	3.012		4.697	
	6.919		198			3.833		201		+ 86.620
	6.721		194			3.632		199		− 54.635
	6.527		392			3.433		400		+ 32.015
14	20.167	6.722		5.126		10.898	3.633		5.097	33.K
		86.620 −					54.635 −			B.M. 11-3 (METRO. WATER DIST) FOOTHILL BLVD & SANTA ANITA WASH SEE F.B. 1876-7 FOR DESC.

F.B. 2403 P.G. 20

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No 500 10
Notes by G.E.DREIER Time 10:40 TO Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-4 To B.M. 11-2
Date 4-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B.S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.871		140			4.378		147		
	5.731		139			4.231		143		
	5.592		279			4.088		290		
15	17.194	5.731		279		12.697	4.232		290	
	6.434		166			5.318		160		
	6.268		166			5.158		159		
	6.102		332			4.999		319		
16	18.804	6.268		611		15.475	5.158		609	
	6.073		188			5.271		189		
	5.885		186			5.082		187		
	5.699		374			4.895		376		
17	17.657	5.886		985		15.248	5.083		985	
	5.722		189			5.125		196		+ 29.043
	5.533		186			4.929		194		- 25.263
	5.347		375			4.735		390		+ 3.780
18	16.602	5.534		1360		14.789	4.930		1375	
	5.811		188			6.051		192		
	5.623		186			5.859		188		
	5.437		374			5.671		380		
19	16.871	5.624		1734		17.581	5.860		1755	B.M. 11-2 (SIERRA MADRE I-6 1940) FOOTHILL BLVD. & SANTA ANITA AVE SEE F.B. 1376-7 FOR DESC.
		27.043 —					25.263 —			

F.B. 2403 P.G. 202

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Part cloudy Inst. No. 50010
Notes by J. A. Moody Time 2:45 to 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-4 To BM 11-5
Date 4-30-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8563		175		11	2968		173		BM 11-4 (SIERRA MADRE K6-A)
	8388		176			2795		175		foot Hill Bl. & McKINLEY PL
	8212		351			2620		348		SEE F.B. 1376-8 for DESC.
1	25163	8388		351	62°	8383	2794		348	
	8749		194			2702		193		
	8555		192			2509		192		G. E. DREIER
	8363		386			2317		385		
2	25667	8556		737		7528	2509		733	
	8538		193			2379		189		
	8345		194			2190		190		
	8151		387			2000		379		
3	25034	8345		1,124		6569	2190		1,112	
	8172		193			2353		195		
	7979		191			2158		197		
	7788		384			1961		392		
4	23939	7980		1,508		6472	2157		1,504	
	8678		194			2989		193		
	8484		193			2796		193		
	8291		387			2603		386		
5	25453	8484		1,895		8388	2796		1,890	
		41.753					12.446			

F.B. 2403 P.G. 203

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Part Cloudy Inst. No. 50010
Notes by J. A. Maddy Time 2:45 to 3:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 11-4 To BM 11-5
Date 4-30-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8367	41.753	190	1895		3152	12.446	194	1890	
	8177		189			2958		193		
	7988		379			2765		387		
6	24532	8177		2,274		8875	2958		2,277	
	7550		194			3402		193		
	7356		196			3209		194		
	7160		390			3015		387		
7	22066	7355		2,664		9626	3209		2,664	
	6505		131			4272		130		BM 11-5 SIERRA MADRE K-6
	6374		130			4142		131		foot. Hill Bl. & MAYFLOWER AVE
	6244		261			4011		261		SEE LB 1376-9 FOR DESC.
8	19123	6374		2,925		12425	4142		2,925	
										SUMMATION OF RUN
										BM 11-4 to BM 11-5
										TOTAL BACKSIGHTS + 63.659
										" FORE " - 22.755
										DIFF IN ELEV. + 40.904
		63.659					22.755			

F.B. 2403 P.G. 104

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather Part Cloudy Inst. No 50010
Notes by J. A. Moody Time 2:00 to 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-5 To BM 11-4 (K6-A)
Date 4-30-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4242		129		#11	6480		133		BM. 11-5 (SIERRA MADRE K-6)
	4113		126			6347		135		foothill BL. & MAYFLOWER AVE
	3987		255			6212		268		SEE F.B. 1376-9 for DESC.
1	12342	4.114		.255	64°	19039	6.346		.268	
	3710		194			7857		196		
	3516		193			7661		194		G. E. DREIER
	3323		387			7467		390		
2	10549	3.516		.642		22985	7.662		.658	
	3118		196			8330		191		
	2922		192			8139		187		
	2730		388			7952		378		
3	8770	2.923		1.030		24421	8.140		1.036	
	2898		193			8586		193		
	2705		192			8393		191		
	2513		385			8202		384		
4	8116	2.705		1.415		25181	8.394		1.420	
	2336		197			8157		193		
	2139		198			7964		192		
	1941		395			7772		385		
5	6416	2.139		1.810		23893	7.964		1.805	
		15.397					38.506			

F.B. 2402 P.G. 205

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: Part Cloudy Inst. No. 50010
Notes by: J. A. Moody Time: 2:00 to 2:45 Rod No. 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: BM 11-5 To: BM 11-4
Date: 4-30-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2222	15,397	190	1,810		8382	32,506	195	1,805	
	2032		190			8187		195		
	1842		380			7992		390		
6	6096	2,032		2,190		24561	8,187		2,195	
	2687		195			8729		192		
	2492		192			8537		191		
	2300		387			8346		383		
7	7,479	2493		2577		25612	8537		2,578	
	3034		175			8628		177		BM 11-4 (SIERRA MADRE K6-A)
	2859		176			8451		175		Foothill Bl. & McKinley Pl.
	2683		351			8276		352		SEE F.B. 1376-8 for DESC.
8	8,576	2,859		2,928		25355	8452		2,930	
									2928	
									5858	Summation of Run
									= 0. mi	BM 11-5 to BM 11-4
										total Backsights + 22.781
										" fore " − 63.682
										Diff in Elev. − 40.901
		22.781					63.682			

F.B. 2403 PG. 206

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9.30 TO 10.50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-5 To B.M. 11-8
Date 5-1-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.179		121		#11	4.002		191		B.M. 11-5 (SIERRA MADRE K-6 1940)
	7.058		121			3.811		192		FOOTHILL BLVD. & MAYFLOWER AVE
	6.937		242			3.619		383		SEE F.B. 1376-9 FOR DESC.
1	21.174	7.058		242	60°	11.432	3.811		383	
	7.052		194			3.737		196		⊼ J. MOODY
	6.858		193			3.541		192		
	6.665		387			3.349		388		
2	20.575	6.858		629		10.627	3.542		771	
	7.922		223			3.953		162		
	7.699		223			3.791		162		
	7.476		446			3.629		324		
3	23.097	7.699		1.075		11.373	3.791		1.095	
	7.578		193			3.331		196		
	7.385		190			3.135		196		
	7.195		383			2.939		392		
4	22.158	7.386		1.458		9.405	3.135		1.487	
	7.499		191			3.531		192		
	7.308		190			3.339		188		
	7.118		381			3.151		380		
5	21.925	7.308		1.839		10.021	3.340		1.867	
		36.309					17.619			

F.B. 2103 P.G. 2.07

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 9:30 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No 0301.02
From B.M. 11-5 To B.M. 11-8
Date 5-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.132	36.309	191	1.839		5.009	4.819	194	1.867	
	5.941		190			4.815		193		
	5.751		381			4.622		387		
6	17.824	5.941		2.220		14.446	4.815		2.254	
	6.054		196			5.322		191		
	5.858		196			5.131		193		
	5.662		392			4.938		384		
7	17.574	5.858		2.612		15.391	5.130		2.638	
	6.131		193			4.888		196		
	5.938		190			4.692		193		
	5.748		383			4.499		389		
8	17.817	5.939		2.995		14.079	4.693		3.027	
	6.567		189			4.448		197		
	6.378		189			4.251		194		
	6.189		378			4.057		391		
9	19.134	6.378		3.373		12.756	4.252		3.418	
	7.331		186			3.328		195		
	7.145		183			3.133		191		
	6.962		369			2.942		386		
10	21.438	7.146		3.742		9.403	3.134		3.804	
		67.571					31.143			

F.B. 2403 P.G. 202

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:30 TO 10:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030.1.02
From B.M. 11-5 To B.M. 11-8
Date 5-1-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2807	2.571	207	3.742		8374	8.643	186	3.804	
	2.600		206			8.188		187		
	2.394		413			8.001		373		
11	7.801	2.600		4.155		24.563	8.188		4.177	
	2681		189			7.603		185		
	2.492		185			7.418		187		
	2.307		374			7.231		372		
12	7.480	2.493		4.529		22.252	7.417		4.549	SUMMATION OF RUN
	3.835		194			6.863		192		B.M. 11-5 TO B.M. 11-8
	3.641		190			6.671		192		TOTAL BACKSIGHTS + 81.198
	3.451		384			6.479		384		TOTAL − 71.420
13	10.927	3.642		4.913		20.013	6.671		4.933	+ 9.778
	3.702		181			9.549		180		
	3.521		180			9.369		180		
	3.341		361			9.189		360		
14	10.564	3.521		5.274		28.107	9.369		5.293	
	1.503		131			0.264		132		B.M. 11-8 (U.S. 269 0-35 1923
	1.372		133			0.132		131		MONROVIA LIBRARY NEAR
	1.239		264			0.001		263		LIME AVE & MYRTLE AVE
15	4.114	1.371		5.538		0.397	0.132		5.556	SEE F.B. 1376 - FOR DESC
		81.198					71.420		5.538 11.094 0.71 mi.	

F.B. 2403 P.G. 2-55

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2403 P.G. 210

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No 50010
Notes by G. E. DREIER Time 10:50 TO 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-5
Date 5-1-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	0.268		136			1.505		133		B.M. 11-8 (U.S. 269 0-35 1923)
	0.132		132			1.372		133		MONROVIA LIBRARY NEAR
	0.000		268			1.239		266		LIME AVE & MYRTLE AVE
1	0.400	0.133		.268		4.116	1.372		.266	SEE F.B. 1376-11
	9.496		179			3.652		183		
	9.317		178			3.469		181		
	9.139		357			3.288		364		* J. Moody
2	27.952	9.317		.625		10.409	3.470		.630	
	6.805		192			3.779		192		
	6.613		191			3.587		192		
	6.422		383			3.395		384		
3	19.840	6.613		1.008		10.761	3.587		1.014	
	7.561		186			2.642		189		
	7.375		187			2.453		185		
	7.188		373			2.268		374		
4	22.124	7.375		1.388		7.363	2.454		1.388	
	8.607		196			2.859		196		
	8.411		198			2.663		194		
	8.213		394			2.469		390		
5	25.231	8.410		1.774		7.991	2.664		1.778	
		31.848					13.547			

F.B. 2402 P.G. 211

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-8 To B.M. 11-5
Date 5-1-5
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	2.998	31.848	205	1.774 5		7.158	13.547	192	1.778	
	2.793		201			6.966		189		
	2.592		406			6.777		381		
6	8.383	2.794		2.180 1		20.901	6.967		2.159	
	4.422		194			6.542		189		
	4.228		197			6.353		186		
	4.031		391			6.167		375		
7	12.681	4.227		2.571 2		19.062	6.354		2.534	
	4.982		188			6.239		198		
	4.794		186			6.041		198		
	4.608		374			5.843		396		
8	14.384	4.795		2.945 6		18.123	6.041		2.930	
	5.268		196			5.997		196		
	5.072		193			5.801		193		
	4.879		389			5.608		389		
9	15.219	5.073		3.334 5		17.406	5.802		3.319	
	4.989		194			6.113		191		
	4.795		193			5.922		190		
	4.602		387			5.732		381		
10	14.386	4.795		3.721 2		17.767	5.922		3.700	
		53.532					44.633			

F.B. 2403 P.G. 212

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 10:50 TO 11:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-5
Date 5-1-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.459	53532	192	3.72~~1~~2		7.431	44.633	192	3.700	
	3.267		189			7.239		188		
	3.078		381			7.051		380		
11	9.804	3.268		4.10~~2~~3		21.721	7.240		4.080	
	3297		199			7.539		190		
	3.098		199			7.349		188		
	2.899		398			7.161		378		
12	9.294	3.098		4.50~~0~~1		22.049	7.350		4.458	
	3.592		197			7.495		191		SUMMATION OF RUN
	3.395		196			7.304		189		B.M. 11-8 TO B.M. 11-5
	3.199		393			7.115		380		
13	10.186	3.395		4.89~~3~~4		21.914	7.305		4.838	Total Backsights +71.096
	3.864		185			7.199		202		" fore -80.894
	3679		182			6.997		201		Diff in Elev -9.798
	3.497		367			6.796		403		
14	11.040	3.680		5.26~~0~~1		20.992	6.997		5.241	
	4279		157			7.525		156		B.M. 11-5 SIERRA MADRE K-6
	4.122		155			7.369		156		FOOTHILL BLVD. & MAYFLOWER AVE.
	3967		312			7.213		312		SEE F.B. 1376-9 FOR DESC.
15	12.368	4.123		5.57~~2~~3		22.107	7.369		5.553	
		71.096					80.894			

F.B. 2403 P.G. 213

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

FB 2403 PG 214

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-5
Date 5-1-56
Indexed J. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	+ 0230		136		#11	1.462		133		B.M. 11-8 (W.S. 269, 0-35 1923)
	+ 0.094		133			1.329		132		MONROVIA LIBRARY IN PARK AT
0.000	− 0.039		269			1.197		265		LIME AVE & MYRTLE AVE
1	0.285	0.095		.269	70°	3.988	1.329		265	SEE F.B. 1376-11 FOR DESC.
	9477		174			3.644		185		
	9.303		171			3.459		184		
	9132		345			3.275		369		T J. MOODY
2	27.912	9.304		.614		10.378	3.459		.634	
	6842		193			3813		194		
	6.649		191			3.619		190		
	6.458		384			3.429		384		
3	19.949	6.650		.998		10.861	3.620		1.018	
	7.621		187			2.701		189		
	7.434		186			2.512		185		
	7.248		373			2.327		374		
4	22.303	7.434		1.371		7.540	2.513		1.392	
	8.630		198			3.048		197		
	8.432		195			2.851		196		
	8.237		393			2.655		393		
5	25.299	8.433		1.764		8.554	2.851		1.785	
		31.916 −					13.772 −			

F.B. 403 P.G. 215

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 4:00 Rod No. 11212

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-5
Date 5-1-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.378	31.916	193	1.764		7.381	1.772	183	1.785	
	3.185		190			7.198		186		
	2.995		383			7.012		369		
6	9.558	3.186		2.147		21.591	7.197		2.154	
	4.458		197			6.572		187		
	4.261		196			6.385		187		
	4.065		393			6.198		374		
7	12.784	4.261		2.540		20.155	6.685		2.528	
	4.857		196			6.098		195		
	4.661		193			5.903		191		
	4.468		389			5.712		386		
8	13.986	4.662		2.929		17.713	5.904		2.914	
	5.268		195			5.995		194		
	5.073		192			5.801		196		
	4.881		387			5.605		390		
9	15.222	5.074		3.316		17.401	5.800		3.304	
	4.931		196			6.051		192		
	4.735		192			5.859		188		
	4.543		388			5.671		380		
10	14.209	4.736		3.704		17.581	5.860		3.684	
		53.835					44.018			

F.B. 2403 P.G. 2-16

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO Rod No. 118 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-5
Date 5-1-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3.498	3.835	191	3.704		7.469	7.278	192	3.684	
	3.307		189			7.277		190		
	3.118		380			7.087		382		
11	9.923	3.308		4.084		21.833	7.278		4.066	
	3.325		200			7.563		191		
	3.125		199			7.372		189		
	2.926		399			7.183		380		
12	9.376	3.125		4.483		22.118	7.373		4.446	
	3.588		197			7.491		192		SUMMATION OF RUN
	3.391		198			7.299		188		B.M. 11-8 TO B.M. 11-5
	3.193		395			7.111		380		TOTAL BACKSIGHTS + 71.535
13	10.172	3.391		4.878		21.901	7.300		4.826	TOTAL FORESIGHTS - 81.308
	3.743		194			7.059		191		DIFF IN ELEVATION - 9.773
	3.549		194			6.868		193		
	3.355		388			6.675		384		
14	10.647	3.549		5.266		20.602	6.867		5.210	
	4.469		142			7.742		170		
	4.327		142			7.572		171		B.M. 11-5
	4.185		284			7.401		341		
15	12.981	4.327		5.550		22.715	7.572		5.551	
		71.535					81.308			

F.B. 2403 P.G. 24

76P526 S & E #379 1-54

PLEASE RETURN TO
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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather ..... Inst. No. 50010
Notes by ..... Time ..... Rod No. 11912

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	
F.B. 2403 P.G. 218										

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 03.01.02
From B.M. 11-8 To B.M. 11-10
Date 5-2-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	0.293		111			4.231		126		BM.11-8 (U.S.269 0-35 1923
	0.182		110			4.105		126		MONROVIA LIBRARY IN PARK
	0.072		221			3.979		252		AT LIME AVE & MYRTLE AVE
1	0.547	0.182		.221		12.315	4.105		.252	SEE F.B. 1376-11 FOR DESC.
	6.702		148			6.723		145		
	6.554		148			6.578		146		T J. MOODY
	6.406		296			6.432		291		
2	19.662	6.554		.517		19.733	6.578		.543	
	3.594		189			7.859		193		
	3.405		190			7.666		193		
	3.215		379			7.473		386		
3	10.214	3.405		.896		22.998	7.666		.929	
	3.414		196			7.449		190		
	3.218		197			7.259		188		
	3.021		393			7.071		378		
4	9.653	3.218		1.289		21.779	7.260		1.307	
	4.168		059			5.713		067		
	4.109		057			5.646		068		
	4.052		116			5.578		135		
5	12.329	4.110		1.405		16.937	5.646		1.442	
		17.469					31.255			

F.B. 2403 P.G. 2-12

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-8 To B.M. 11-10
Date 5-2-56 C. Johnson
Indexed

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.571	4.469	078	1.405		1.956	1.877	080	1.442	+ 21.963
	4.493		076			1.876		078		- 33.132
	4.417		155			1.798		158		- 11.169
6	13.481	4.494		1.558		5.630	1.877		1.600	
		21.963					33.132			B.M. 11-9 (U.S. 267 M-35 1923) MYRTLE AVE & COLO. BLVD. SEE F.B. 1376-12 FOR DESC.
	1.316		015			5.647		015		
	1.301		014			5.632		016		
	1.287		029			5.616		031		
7	3.604	1.301		1.579		16.895	5.632		1.631	
	3.608		096			5.666		094		
	3.512		095			5.572		093		
	3.417		191			5.479		187		
8	10.537	3.512		1.778		16.717	5.572		1.818	
	2.971		186			8.298		190		
	2.785		184			8.108		189		
	2.601		370			7.919		379		
9	8.357	2.786		2.148		24.325	8.108		2.197	
		7.599					19.312			

F.B. 2403 PG. 220

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-8 To B.M. 11-10
Date 5-2-56
Indexed R. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.228	7.599	187	2.144		8.239	19.312	180	2.197	
	3.039		187			8.059		180		
	2.852		374			7.879		360		
10	9.119	3.040		62.5		24.177	8.059		2.557	
	2.572		193			7.905		183		
	2.379		190			7.722		180		
	2.189		383			7.542		363		
11	7.140	2.380		2.877		23.169	7.723		2.920	
	2.353		192			8.455		190		
	2.161		189			8.265		187		
	1.972		381			8.078		377		
12	6.486	2.162		3.278		24.798	8.266		3.297	
	3.067		189			8.547		188		
	2.878		186			8.359		186		
	2.692		375			8.173		374		
13	8.637	2.879		3.653		25.079	8.360		3.671	
	2.278		192			8.188		183		
	2.086		192			8.005		181		
	1.894		384			7.824		364		
14	6.258	2.086		4.039		24.017	8.006		4.035	
		20.146					59.726			

F.B. 2403 P.G. 221

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SU Inst. No. 500.10
Notes by G. E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NT
Job No. 0301.02
From B.M. 11-8 To B.M. 11-10
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	2.539	20.146	147	4.039		7.513	7.726	145	4.035	
	2.392		144			7.368		145		+ 25.054
	2.248		291	39		7.223		290		- 75.259
15	7.179	2.393		4.328		22.104	7.368		4.325	- 50.205
	2.684		169			8.359		194		
	2.515		170			8.165		194		B.M. 11-10
	2.345		339	78		7.971		388		MYRTLE AVE & HUNTINGTON DR.
16	7.544	2.515		4.667		24.495	8.165		4.713	SEE F.B. 1376-13 FOR DESC.
		25.054					75.259		4.667	
									9.380	
										SUMMATION OF RUN
						DIFF IN ELEV:	B.M. 11-8 TO B.M. 11-9			-11.169
						" "	B.M. 11-9 TO B.M. 11-10			- 50.205

F.B. 2403 P.G. 222

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-10 To B.M. 11-8
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.333		195		#11	2.655		170		B.M. 11-10
	8.138		196			2.485		169		MYRTLE AVE & HUNTINGTON DR.
	7.942		391			2.316		339		SEE F.B. 1376-13 FOR DESC.
1	24.413	8.138		.391		7.456	2.485		.339	
	7.462		131			2.515		160		
	7.331		132			2.355		158		J. MOODY
	7.199		263			2.197		318		
2	21.992	7.331		.654		7.067	2.356		.657	
	8.305		186			2.389		191		
	8.119		184			2.198		189		
	7.935		370			2.009		380		
3	24.359	8.120		1.024		6.596	2.199		1.037	
	8.519		187			3.039		187		
	8.332		184			2.852		187		
	8.148		371			2.665		374		
4	24.999	8.333		1.395		8.556	2.852		1.411	
	8.559		188			2.455		191		
	8.371		186			2.264		190		
	8.185		374			2.074		381		
5	25.115	8.372		1.769		6.793	2.264		1.792	
		40.294					12.156			

F.B. 2403 P.G. 223

76P526 S & E #379 1-54

16

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-10 To B.M. 11-8
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.872	40.294	181	1.769		2.539	12.156	191	1.792	
	7.691		183			2.348		192		
	7.508		364			2.156		383		
6	23.071	7.690		2.133		7.043	2.348		2.175	
	8.272		181			3.258		187		
	8.091		178			3.071		186		
	7.913		359			2.885		373		
7	24.276	8.092		2.492		9.214	3.071		2.548	
	8.411		189			3.092		184		
	8.222		187			2.908		187		
	8.035		376			2.721		371		
8	24.668	8.223		2.868		8.721	2.907		2.919	
	5.758		094			3.701		098		
	5.664		092			3.603		095		
	5.572		186			3.508		193		
9	16.994	5.665		3.054		10.812	3.604		3.112	
	5.726		016			1.397		016		
	5.710		016			1.381		013		
	5.694		032			1.368		029		
10	17.130	5.710		3.086		4.146	1.382		3.141	
		75.674					25.468			

F.B. 2403 P.G. 224

+ 75.674
− 25.468
+ 50.206

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-10 To B.M. 11-8
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				3.086					3.141	B.M. 11-9 (U.S. 267 M.35 1923) MYRTLE AVE & COLO. BLVD. SEE F.B. 1376-12 FOR DESC.
	1991		080			4.607		077		
	1.911		080			4.530		077		
	1831		160			4.453		154		
11	5.733	1.911		3.246		13.590	4.530		3.295	
	5819		067			4.273		058		
	5.752		067			4.215		058		
	5.685		134			4.157		116		
12	17.256	5.752		3.380		12.645	4.215		3.411	
	7.322		197			3.272		190		
	7.125		194			3.082		189		
	6.931		391			2.893		379		
13	21.378	7.126		3.771		9.247	3.082		3.790	
	7.944		193			3679		192		
	7.751		193			3487		188		
	7.558		386			3.299		3~~9~~0		
14	23.253	7.751		4.157		10465	3.488	8	4.1~~8~~0 7	
		22540					15.315			

F.B. 2403 P.G. 225

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:20 TO 11:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-10 To B.M. 11-8
Date 5-2-56
Indexed E. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.739	22.540	147	4157		6.719	15.315	148	4.180	
	6.592		144			6.571		149		+ 33.163
	6.448		291			6.422		297		- 21.992
15	19.779	6.593		4.448		19.712	6.571		4.477	+ 11.171
	4.158		127			0.212		105		
	4.031		130			0.107		107		B.M. 11-8 U.S. 269, 0-35 1923
	3.901		257			0.000		212		MONROVIA LIBRARY IN PARK
16	12.090	4.030		4.705		0.319	0.106		4.689	AT LIME AVE & MYRTLE AVE
		33.163					21.992			SEE F.B. 1376-11
										SUMMATION OF RUN
						DIFF. IN ELEV.	B.M. 11-	TO	B.M. 11-	+ 50.206
						" " "	B.M. 11-	TO	B.M. 11-8	+ 11.171

F.B. 2403 P.G. 226

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No. 50910
Notes by: G. E. DREIER Time: 2:50 TO 3:55 Rod No. 11 & 12

Name: L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-10 To: B.M. 11-13A
Date: 5-2-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	8.801		196		#11	3.945		194		B.M. 11-10
	8.605		194			3.751		193		HUNTINGTON DR. & MYRTLE AVE
	8.411		390			3.558		387		SEE F.B. 1376-13 FOR DESC.
1	25.817	8.606		390	74°	11.254	3.751		.387	
	7.268		186			3.878		199		
	7.082		184			3.679		200		⊼ J. MOODY
	6.898		370			3.479		399		
2	21.248	7.083		.760		11.036	3.679		.786	
	7.091		193			3.781		184		
	6.898		196			3.597		185		
	6.702		389			3.412		369		
3	20.691	6.897		1.149		10.790	3.597		1.155	
	7.328		191			3.848		191		
	7.137		191			3.657		189		
	6.946		382			3.468		380		
4	21.411	7.137		1.531		10.973	3.658		1.535	
	7.322		193			3.882		190		
	7.129		193			3.692		186		
	6.936		386			3.506		376		
5	21.387	7.129		1.917		11.080	3.693		1.911	
		36.852					18.378			

F.B. 2403 P.G. 237

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 500.10
Notes by G.E. DREIER Time 2:50 to 3:55 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-10 To B.M. 11-13 A
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.354	36.852	195	1917		3.879	[illegible]	196	1911	
	7.159		191			3.683		195		
	6.968		386			3.488		391		
6	21.481	7.160		2.303		11.050	3.683		2.302	
	7.079		190			4.315		193		
	6.889		190			4.122		189		
	6.699		380			3.933		382		
7	20.667	6.889		2.683		12.370	4.123		2.684	
	7.167		196			4.429		195		
	6.971		196			4.234		195		
	6.775		392			4.039		386		
8	20.913	6.971		3.075		12.702	4.234		3.064	
	6.302		191			4.867		189		
	6.111		189			4.678		187		
	5.922		380			4.491		376		
9	18.335	6.112		3.455		14.036	4.679		3.440	5 14
	6.298		195			4.919		188		
	6.103		191			4.731		188		
	5.912		386			4.543		376		
10	18.313	6.104		3.841		14.193	4.731		3.816	
		20.088					8[illegible].28			

F.B. 2403 P.G. 228

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: G. E. DREIER Time: 8:20 TO 9:00 Rod No.: 11 E 12

Name: L. A. CO PRECISE LEVEL NET
Job No.: 0301.52
From: B.M. 11-10 To: B.M. 11-13 A
Date: 5-3-56
Indexed: L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5982	70.088	184	3.841		5999	39.828	183	3.816	
	5,798		185			5,816		184		
	5,613		369			5,632		367		
11	17.393	5,798		4,210		17.447	5,816		4,183	
	5,218		088			5,983		090		+ 81.016
	5,130		088			5,893		090		- 51.537
	5,042		176			5803		180		+ 29.479
12	15,390	5,130		4,386		17.679	5,893		4,383	
		81.016					51.537			B.M. 11-11 (U.S. 2618) HUNTINGTON DR. & SHAMROCK AVE. SEE F.B. 1376-14 FOR DESC.
	5333		091			4,871		089		
	5242		090			4,782		087		B.M. 11-12 NOT RECOVERED
	5,152		181			4,695		176		FD. COVER ALONG SIDE OF HWY
13	15,275	5,242		4,567		14,348	4,783		4,539	
	5621		172			5,179		170		
	5,449		172			5,009		170		
	5277		344			4,839		340		
14	16,347	5,449		4,911		15,027	5009		4,879	
		10,591					9,792			

F.B. 2403 P.G. 224

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 8.20 TO 9.[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 03.01.02
From B.M. 11-10 To B.M. 11-13A
Date 5-3-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.882	10.691	193	4.911		5.647	[illegible]	192	4.889	
	5.689		191			5.455		190		
	5.498		384			5.265		382		
15	17.069	5.690		5.295		16.367	5.456		5.281	+26.814
										-26.393
										+0.421
	5.066		113			5.871		114		
	4.953		111			5.757		113		B.M. 11-13 DESTROYED
	4.842		224			5.644		227		
16	14.861	4.954		5.519		17.272	5.757		5.488	
	5.645		167			5.575		187		
	5.478		165			5.388		186		B.M. 11-13A CORPS OF ENGINEERS,
	5.313		332			5.202		373		U.S. ARMY.
17	16.436	5.479		5.851		16.165	5.388		5.851	HUNTINGTON DR & SAWPIT WASH,
		26.814					26.393		5.851	BRASS DISC IN N. CURB ABOVE
									11.712	W. WALL OF CHANNEL IN CENTER
									0.75 mi	OF BRIDGE # 53-44
										SUMMATION OF RUN
						DIFF IN ELEV. B.M. 11-10				TO B.M. 11-11
						" " " 11-11				TO B.M. 11-13A

F.B. 2403 P.G. 2.20

76P526 S & E #379 1-54

PLEASE RETURN TO
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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 3301.02
From BM 11-13A To BM 11-10
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5335		177		#11	5.422		173		B.M. 11-13A (CORPS OF ENGINEERS - U.S. ARMY)
	5.158		173			5.249		170		
	4.985		350			5079		343		HUNTINGTON DR. & SAWPIT
1	15.478	5.159		.350	70°	15.750	5.250		.343	WASH, A BRASS DISC IN N. CURB
	5.646		114			4841		110		ABOVE W. WALL OF CHANNEL
	5532		113			4.731		112		IN CENTER OF BRIDGE #53-44
	5.419		227			4.619		222		
2	16.597	5.532		.577		14.191	4.730		.565	(NOTE B.M. 11-13 DESTROYED
	5.011		193			5.244		193		IN 1952 OR 3 BY BRIDGE WIDENING)
	4.818		190			5.051		192		
	4.628		383			4.859		385		
3	14.457	4.819		.960		15.154	5.051		.950	
	4 753		171			5197		175		
	4.582		170			5.022		171		
	4412		341			4851		346		+24.862
4	13.747	4.582		1.301		15.070	5023		1.296	-25.284
	4.855		088			5.321		091		-0.422
	4.770		087			5.230		091		B.M. 11-11 (U.S. 2618)
	4.683		175			5139		182		HUNTINGTON DR. & SHAMROCK
5	14.311	4.770		1476		15.690	5.230		1.478	SEE F.B. 1376-14 FOR DESC.
		24.862					25.284			

F.B. 2103 P.G. 23

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 1:30 TO 2:55 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM. 11-13A To BM. 11-10
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.858		090	1.476		5.092		089	1.478	
	5.768		090			5.003		086		
	5.678		180			4.917		175		
6	17.304	5.768		1.656		15.012	5.004		1.653	
	5.968		185			5.958		187		
	5.783		184			5.771		184		
	5.599		369			5.587		371		
7	17.350	5.783		2.025		17.316	5.772		2.024	
	4.971		187			6.351		193		
	4.784		186			6.158		191		
	4.598		373			5.967		384		
8	14.353	4.784		2.398		18.476	6.159		2.408	
	4.829		188			6.268		190		
	4.641		188			6.078		190		
	4.453		376			5.888		380		
9	13.923	4.641		2.776		18.234	6.078		2.788	
	4.361		194			7.099		196		
	4.167		194			6.903		196		
	3.973		388			6.707		392		
10	12.501	4.167		3.162		20.709	6.903		3.180	
		25.143					29.916			

F.B. 2403 PG. 232

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY: SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-13A To B.M. 11-10
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.355	25.143	193	3.161		7.121	29.916	190	3.180	
	4.162		189			6.931		192		
	3.973		382			6.739		382		
11	12.490	4.163		3.543		20.791	6.930		3.562	
	3.854		196			7.327		194		
	3.658		195			7.133		192		
	3.463		391			6.941		386		
12	10.975	3.658		3.934		21.401	7.134		3.948	
	3.913		188			7.357		196		
	3.725		187			7.161		193		
	3.538		375			6.968		389		
13	11.176	3.725		4.338		21.486	7.162		4.337	
	3.793		190			7.272		193		
	3.603		190			7.079		191		
	3.413		380			6.888		384		
14	10.809	3.603		4.689		21.239	7.080		4.721	
	3.765		186			7.071		193		
	3.579		184			6.878		193		
	3.395		370			6.685		386		
15	10.739	3.580		5.039		20.634	6.878		5.107	
		43.872					65.100			

F.B. 2103 P.G. 23

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:50 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-13A To B.M. 11-10
Date 5-2-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	3832	43.872	200	5.059		7.223	6[illegible]00	188	5.107	
	3632		197			7.035		184		+51.263
	3.435		397			6.851		372		-80.748
16	10.899	3.633		5.456		21.109	7.[illegible]36		5.479	-29.485
	3953		196			8.808		197		
	3.757		193			8.611		194		B.M. 11-10
	3.564		389			8.417		390		HUNTINGTON DR. & MYRTLE AVE
17	11.274	3.758		5.845		25.836	8.612		5.869	SEE F.B. 1376-13 FOR DESC.
		51.263					8.[illegible]48			

SUMMATION OF RUN

DIFF IN ELEV. B.M. 11-13A TO B.M. 11-11 -0.422
" " " B.M. 11-11 TO B.M. 11-10 -29.485

F.B. 2403 P.G. 234

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE.

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No.: 50010
Notes by: G. E. DREIER Time: 9:00 TO 9:45 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 03.01.02
From: B.M. 11-13A To: B.M. 11-14
Date: 5-3-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.478		183		#11	5.468		189		B.M. 11-13A (CORPS OF ENGINEERS, U.S. ARMY)
	4.295		184			5.279		187		HUNTINGTON DR. & SAWPIT WASH
	4.111		367			5.092		376		
1	12.884	4.295		367		15.839	5.280		376	
	5.194		189			5.248		196		
	5.005		187			5.052		193		
	4.818		376			4.859		389		π J. MOODY
2	15.017	5.006		.743		15.159	5.053		.765	
	5.912		195			7.584		189		
	5.717		194			7.395		188		
	5.523		389			7.207		377		
3	17.152	5.717		1.132		22.186	7.395		1.142	
	5.065		194			5.988		193		
	4.871		193			5.795		191		
	4.678		387			5.604		384		
4	14.614	4.871		1.519		17.387	5.796		1.526	
	5.067		196			5.788		197		
	4.891		194			5.591		194		
	4.697		390			5.397		391		
5	14.615	4.872		1.909		16.776	5.592		1.917	
		24.761					29.116			

F.B. 703 PG. 235

76P526 S & E #379 1-54

PLEASE RETURN TO
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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 9:00 TO 9:[illegible] Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-13A To: B.M. 11-14
Date: 5-3-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.089	4.761	194	1.909		5.979	[illegible]	196	1.917	
	4.895		194			5.783		192		
	4.701		388			5.591		388		
6	14.685	4.895		2.297		17.353	[illegible]		2.305	
	4.871		193			5.915		194		
	4.678		191			5.721		192		
	4.487		384			5.529		386		
7	14.036	4.679		2.681		17.165	[illegible]		2.691	
	5.359		196			5.903		190		
	5.163		194			5.713		189		
	4.969		390			5.524		379		
8	15.491	5.164		3.071		17.140	[illegible]		3.070	
	4.131		196			6.771		194		
	3.935		193			6.577		195		
	3.742		389			6.382		389		
9	11.808	3.936		3.460		19.730	[illegible]		3.459	
	4.408		197			6.551		197		
	4.211		193			6.354		196		
	4.018		390			6.158		393		
10	12.637	4.212		3.850		18.063	[illegible]		3.852	
		47.647				[illegible]				

F.B. 2403 P.G. 23[illegible]

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 9:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-13A To B.M. 11-14
Date 5-3-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.782	47.647	194	3.850		6.648	59.266	197	3.852	
	4.588		191			6.451		195		
	4.397		385			6.256		392		
11	13.767	4.589		4.235		19.355	6.452		4.244	
	4.998		156			7.226		138		
	4.842		154			7.088		136		B.M. 11-14
	4.688		310			6.952		274		HUNTINGTON DR. & BUENA VISTA ST.
12	14.528	4.843		4.545		21.266	7.089		4.518	SEE F.B. 1376-16 FOR DESC.
									4.545 9.063 =0.58 mi.	
										SUMMATION OF RUN
										BM 11-13A TO B.M. 11-
										TOTAL BACKSIGHTS +57.079
										TOTAL FORESIGHTS -72.807
										DIFF IN ELEVATION -15.728
		57.079					72.807			

F.B. 2403 P.G. 237

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCA[illegible] Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 10:[illegible] Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-14 To B.M. 11-13A
Date 5-3-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.316		144		#11	5.071		151		B.M. 11-14
	7.172		143			4.920		147		HUNTINGTON DR & BUENA VISTA ST
	7.029		287			4.773		298		SEE F.B. 1376-16 FOR DESC.
1	21.517	7.172		.287	63°	14.764	4.9[illegible]1		.298	
	6.505		196			4.641		190		
	6.309		196			4.451		192		⊼ J. MOODY
	6.113		392			4.259		382		
2	18.927	6.307		.679		13.351	4.450		.680	
	6.562		197			4.413		194		
	6.365		194			4.219		191		
	6.171		391			4.028		385		
3	19.098	6.366		1.070		12.660	4.[illegible]20		1.065	
	6.679		196			4.035		194		
	6.483		192			3.841		193		
	6.291		388			3.648		387		
4	19.453	6.484		1.458		11.524	3.[illegible]41		1.452	
	5.658		191			5.112		193		
	5.467		192			4.919		192		
	5.275		383			4.727		385		
5	16.400	5.467		1.841		14.758	4.[illegible]9		1.837	
		31.798					22.[illegible]51			

F.B. 2403 P.G. 238

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 9:45 TO 10:40 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-14 To B.M. 11-13A
Date 5-3-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.019	31.796	192	1.841		4.978	22.351	192	1.837	
	5.827		194			4.786		190		
	5.633		386			4.596		382		
6	17.479	5.826		2.227		14.360	4.787		2.219	
	5.999		196			5.113		195		
	5.803		192			4.918		194		
	5.611		388			4.724		389		
7	17.413	5.804		2.615		14.755	4.918		2.608	
	5.758		197			5.034		195		
	5.561		193			4.839		193		
	5.368		390			4.646		388		
8	16.687	5.562		3.005		14.519	4.840		2.996	
	6.149		193			5.231		196		
	5.956		192			5.035		193		
	5.764		385			4.842		389		
9	17.869	5.956		3.390		15.108	5.036		3.385	
	7.538		191			5.863		195		
	7.347		189			5.668		193		
	7.158		380			5.475		388		
10	22.043	7.348		3.770		17.006	5.669		3.773	
	62.298					47.601				

F.B. 2403 P.G. 23

76P526 S & E #379 1-54

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726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G.E.DREIER Time 9:45 TO 10:[illegible] Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 11-14 To B.M. 11-13A
Date 5-3-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.365	62.292 4	194	3.770		5.312	4[illegible]01	189	3.773	
	5.171		194			5.123		186		
	4.977		388			4.937		375		
11	15.513	5.171		4.158		15.372	[illegible]24		4.148	
	5.498		190			4.569		186		
	5.308		186			4.323		182		B.M. 11-13A (CORPS OF ENGINEERS U.S. ARMY)
	5.122		376			4.141		368		
12	15.928	5.309		4.534		12.973	4.324		4.516	HUNTINGTON DR. & SAWPIT WASH
F.B. 2403 P.G. 240										SUMMATION OF RUN B.M. 11-14 TO B.M. 11-13A
										TOTAL BACKSIGHTS +72.772
										TOTAL FORESIGHTS -57.049
										DIFF IN ELEVATION +15.723
	727.72 / 4					57.049				

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZY Inst. No.: 50010
Notes by: J. MOODY Time: 11:00 to 12:00 Rod No.: 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No.: 0301.02
From: B.M. 11-14 To: B.M. 11-15
Date: 5-3-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4007		276		#11	5842		240		B.M. 11-14
	3731		275			5602		240		HUNTINGTON DR. & BUENA VISTA ST.
	3456		551			5362		480		SEE F.B. 1376-16 FOR DESC.
1	11.194	3.731		.551	67°	16.806	5.602		.480	
	3859		176			6046		208		
	3683		173			5838		206		↑ G.E. DREIER
	3510		349			5632		414		
2	11.052	3.684		.900		17.516	5.839		.894	
	4768		193			4492		190		
	4575		193			4302		189		
	4382		386			4113		379		
3	13.725	4.575		1.286		12.907	4.302		1.273	
	6068		190			4295		194		
	5878		190			4101		196		
	5688		380			3905		390		
4	17.634	5.878		1.666		12.301	4.100		1.663	
	7588		194			2745		198		
	7394		192			2547		195		
	7202		386			2352		393		
5	22.184	7.395		2.052		7.644	2.548		2.056	
		25.263					22.391			

F.B. 2403 P.G. 24

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by J. A. Moody Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-14 To BM 11-15
Date 5-3-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7185	25263	194	2056		3572	22391	194	2056	
	6991		193			3378		193		
	6798		387	39		3185		387		
6	20974	6991		2443		10135	3378		2443	
	7438		191			3031		193		
	7247		194			2838		191		
	7053		385	4		2647		384		
7	21738	7246		2828		8516	2839		2827	
	7211		192			2603		193		
	7019		192			2410		192		
	6827		384	08		2218		385		
8	21057	7019		3212		7231	2410		3212	
	6118		191			3878		191		
	5927		190			3687		193		
	5737		381	89		3494		384		
9	17782	5927		3593		11059	3686		3596	
	6642		187			4322		196		
	6455		195			4126		194		
	6260		392	71		3932		390		
10	19357	6456	8	3985		12380	4126		3986	

58902
898

38830
1

F.B. 2403 P.G. 242

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by J. A. MOODY Time 11:00 to 12:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-14 To BM 11-15
Date 5-3-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6388	58902 898	191	3985 71		4119	38.830 1	190	3986	
	6197		193			3929		192		
	6004	1	384	55		3737	1	382		
11	8589	6196		4369		11.785	3.928		4368	
	5953		214			5024		222		BM 11-15 (AZUSA E-8)
	5739		213			4802		223		HUNTINGTON DR & HIGHLAND AVE
	5526	1	427	82		4579	1	445		SEE F.B. 1376-17 FOR DESC.
12	17218	5739		4796		14405	4.802		4813	
									4796 9.609 =0.62mi.	SUMMATION OF RUN BM 11-14 to BM 11-15
										TOTAL BACKSIGHTS + 70.837 " FORE " - 47.560
										DIFF IN ELEV. + 23.277
										F.B. 2403 P.G. 243
		70.837 / 3					47.560 / 1			

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by J. A. Moody Time 1:00 to 2:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NF
Job No. 0301.02
From BM 11-15 To BM 11-14
Date 5-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5038		222		#11	5971		214		BM 11-15 (AZUSA E-8)
	4816		223			5757		217		HUNTINGTON DR. & HIGHLAND AVE
	4593		445			5540		431		SEE F.B. 1376-17-6R DESC.
1	14447	4816		445	64°	17268	5756		431	
	4213		195			6507		192		
	4048		192			6315		188		
	3856		387			6127		380		
2	12147	4049		832		18949	6316		811	
	4460		191			6793		188		
	4269		190			6605		188		
	4079		381			6417		376		
3	12808	4269		1213		19815	6605		1187	
	3710		194			5948		191		
	3516		193			5757		189		
	3323		387			5568		380		
4	10549	3516		1600		17273	5758		1567	
	2467		196			7070		192		
	2271		194			6878		191		
	2077		390			6687		383		
5	6815	2272		1990		20635	6878		1950	
		18922					31313			

F.B. 2403 P.G. 244

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by J. A. MOODY Time 1:00 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-15 To BM 11-14
Date 5-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3032	18.922	192	1990		7440	31.313	192	1950	
	2840		189			7248		193		
	2651		381			7055		385		
6	8523	2.841		2371		21743	7.248		2335	
	3698		194			7310		193		
	3504		193			7117		194		
	3311		387			6923		387		
7	10513	3.504		2758		21350	7117		2722	
	2620		197			7469		196		
	2423		194			7273		192		
	2229		391			7081		388		
8	7272	2.424		3149		21823	7274		3110	
	4378		193			6153		192		
	4185		192			5961		192		
	3993		385			5769		384		
9	12556	4.185		3534		17883	5961		3494	
	4106		188			4387		195		
	3918		187			4192		196		
	3731		375			3996		391		
10	11755	3.918		3909		12575	4.192		3885	
		35.794					63.105			

F.B. 2403 P.G. 2-5

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather Hazy Inst. No. 50010
Notes by J. A. Moody Time 1:00 to 2:10 Rod No. 11 & 12

Name L.A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-15 To BM 11-14
Date 5-4-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5037	35.794	196	3909		2876	63.105	187	3885	
	4841		194			2689		187		
	4,647		390			2502		374		
11	14.525	4842		4299		8067	2689		4259	
	5693		245			3851		272		BM 11-14
	5448		246			3579		271		HUNTINGTON DR. & BUENA VISTA ST.
	5202		491			3308		543		SEE F.B. 1376-16 FOR DESC.
12	16343	5448		4790		10738	3579		4802	
										SUMMATION OF RUN
										BM 11-15 to BM 11-14
										TOTAL BACKSIGHTS +46.084
										" FORE " -69.373
										DIFF IN ELEV. -23.289
		46.084					69.373			

F.B. 2403 P.G. 246

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-18
Date 5-3-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.728		190		#11	7.368		195		B.M. 11-15 (AZUSA E-8A)
	5.538		186			7.173		194		HUNTINGTON DR. & HIGHLAND AVE
	5.352		376			6.979		389		SEE F.B. 1376-17 FOR DESC
1	16.618	5.539		376	72°	21.520	7.173		389	
	3.831		193			6.876		193		
	3.638		191			6.683		191		J. MOODY
	3.447		384			6.492		384		
2	10.916	3.639		760		20.051	6.684		773	
	2.898		187			7.195		193		
	2.711		189			7.002		190		
	2.522		376			6.812		383		
3	8.131	2.710		1.136		21.009	7.003		1.156	
	4.292		193			5.406		194		
	4.099		190			5.212		193		
	3.909		383			5.019		387		
4	12.300	4.100		1.519		15.637	5.212		1.543	
	5.733		200			6.525		194		+ 21.521
	5.533		200			6.331		192		- 32.404
	5.333		400			6.139		386		- 10.883
5	16.599	5.533		1.919		18.995	6.332		1.929	
		21.521					32.404			

F.B. 1403 P.G. 24

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather SMOGGY Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-18
Date 5-3-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				1.919					1.929	B.M. 11-16 (U.S. 2616 F-96 1931) HUNTINGTON DR. E. OF SANTA DOMINGO DR. SEE F.B. 1376-18 FOR DESC.
6	6.388 6.271 6.156 18.815	6.272	117 115 232	2.151		5.192 5.082 4.974 15.248	5.083	110 108 218	2.147	
7	5.254 5.154 5.055 15.463	5.154 11.426	100 099 199	2.350		6.302 6.208 6.115 18.625	6.208 11.291	094 093 187	2.334	+ 11.426 − 11.291 + 0.135
										B.M. 11-17 AZUSA E-8B. HUNTINGTON DR. AT HOUSE # 2005 SEE F.B. 1376-19 FOR DESC.
8	6.861 6.769 6.678 20.308	6.769	092 091 183	2.533		4.848 4.748 4.648 14.244	4.748	100 100 200	2.534	

F.B. 2403 P.G. 248

76P526 S & E #379 1-54

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L. A. CO. PRECISE LEVEL NET

Chief of Party: G. E. DREIER Weather: Smoggy Inst. No. 50010
Notes by: G. E. DREIER Time: 2:45 TO 4.00 Rod No. 11 & 12

Name:
Job No: 0301.02
From: B.M. 11-15 To: B.M. 11-18
Date: 5-3-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.981	6.769	188	2.533		4.002	4.748	184	2.538	
	5.793		185			3.818		186		
	5.608		373			3.632		370		
9	17.382	5.794		2.906		11.452	3.817		2.906	
	7.548		190			4.605		196		
	7.358		187			4.409		194		
	7.171		377			4.215		390		
10	22.077	7.359		3.283		13.229	4.410		3.296	
	6.647		156			4.203		160		
	6.491		155			4.043		158		
	6.336		311			3.885		318		
11	19.474	6.491		3.594		12.131	4.044		3.612	
	6.439		187			4.048		189		
	6.252		188			3.859		188		
	6.064		375			3.671		377		
12	18.755	6.252		3.969		11.578	3.859		3.897	
	7.025		193			3.645		192		
	6.832		190			3.453		190		
	6.642		383			3.263		382		
13	20.499	6.833		4.352		10.361	3.454		4.373	
		39.498					24.332			

F.B. 2403 P.G. 25

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: Smoggy Inst. No. 50010
Notes by: G. E. DREIER Time: 2:45 TO 4:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-15 To: B.M. 11-18
Date: 5-3-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.979	39.498	191	4.352		3.685	20.732	186	4.373	
	6.788		188			3.499		186		
	6.600		379			3.313		372		
14	20367	6.789		4.731		10.497	3.499		4.745	
	7055		187			3942		186		+59.932
	6868		186			3.756		184		-36.750
	6.682		373			3572		370		+23.178
15	20605	6.868		5.104		11.270	3.758		5.113	
	6955		179			5345		183		
	6776		177			5.162		180		B.M. 11-18 (AZUSA F-8 1938)
	6.599		356			4.982		363		HUNTINGTON DR. OPPOSITE No. 2318
16	20330	6.777		5.460		15.489	5.163		5.478	SEE F.B. 1376-20 FOR DESC.
		59.932					36.798		5.460	
									10.938	
									=0.71 mi	
										SUMMATION OF RUN
						DIFF. IN ELEV. B.M. 11-15 TO B.M. 11-16				-10.883
						" " B.M. 11-16 TO B.M. 11-17				+0.135
						" " " B.M. 11-17 TO B.M. 11-18				+23.178

F.B. 2403 P.G. 25.0

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER Weather: THIN OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 2:45 TO 4:00 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NE
Job No: 0301.02
From: B.M. 11-18 To: B.M. 11-15
Date: 5-4-56
Indexed: K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.771		184		#11	7.378		181		B.M. 11-18 (AZUSA F-8
	5.587		181			7.197		179		HUNTINGTON DR. OPPOSITE HO. # 2318
	5.406		365			7.018		360		SEE F.B. 1376-20 FOR DESC.
1	16.764	5.588		.365		21.593	7.198		.360	
	3.509		187			6.619		188		T J. Moody
	3.322		186			6.431		186		
	3.136		373			6.245		378		
2	9.967	3.322		.738		19.295	6.432		.738	
	3.947		188			7.237		189		
	3.759		186			7.048		189		
	3.573		374			6.859		378		
3	11.279	3.760		1.112		21.144	7.048		1.112	
	3.548		190			6.926		190		
	3.358		187			6.736		191		
	3.171		377			6.545		381		
4	10.077	3.359		1.489		20.207	6.736		1.492	
	4.038		191			6.427		188		
	3.847		189			6.239		185		
	3.658		380			6.054		373		
5	11.543	3.848		1.869		18.720	6.240		1.865	
		19.877					33.654			

F.B. 2403 P.G. 251

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-18 To B.M. 11-15
Date 5-4-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.615	19.877	160	1.869		6059	33.654	157	1.865	
	3.455		157			5.902		154		
	3.298		317			5.748		311		
6	10.368	3.456		2.186		17.709	5.903		2.178	
	4.842		194			7782		190		
	4.648		195			7.592		191		
	4.453		389			7.401		381		
7	13.943	4.648		2.575		22.775	7.592		2.558	
	4.148		187			6.125		188		
	3.961		183			5937		186		
	3778		370			5751		374		
8	11.887	3.962		2.945		17.813	5.938		2.932	
	4.816		099			6.831		094		+36.660
	4.717		098			6.737		093		-59.824
	4.619		197			6.644		187		-23.164
9	14.152	4.717		3.142		20.212	6.737		3.119	
		36660					59.824			B.M. 11-17 AZUSA E-8B HUNTINGTON DR. IN FRONT OF HO. #2005 SEE F.B. 1376-19 FOR DESC

F.B. 2403 P.G. 252

76P526 S & E #379 1-54

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Chief of Party: G. E. DREIER
Notes by: G. E. DREIER
Weather: THIN OVERCAST
Time: 2:45 TO 4.00
Inst. No. 50010
Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NE
Job No: 0301.02
From: B.M. 11-18 To: B.M. 11-15
Date: 5-4-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.235		095	3.142		5.188		100	3.118	
	6.140		092			5.088		100		
	6.048		187			4.988		200		
10	18.423	6.141		3.329		15.264	5.088		3.318	
	5.324		109			6.516		112		+11.356
	5.215		107			6.404		111		-11.492
	5.108		216			6.293		223		- 0.136
11	15.647	5.215		3.545		19.213	6.404		3.544	
		11.356					11.492			B.M. 11-16 (U.S. 2616 F-96 1931) HUNTINGTON DR. E. OF SANTA DOMINGO DR. SEE F.B. 1376-18 FOR DESC
	6.571		189			5.784		201		
	6.382		188			5.583		199		
	6.194		377			5.384		400		
12	19.147	6.382		3.922		16.751	5.584		3.947	
	5.498		193			4.387		195		
	5.305		192			4.192		192		
	5.113		385			4.000		387		
13	15.916	5.305		4.307		12.579	4.193		4.328	
		11.687					9.777			

F.B. 2403 P.G. 253

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:45 TO 4:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-18 To B.M. 11-15
Date 5-4-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7253	11.687	191	4307		2958	9.777	189	4.328	
	7062		191			2769		187		
	6871		382			2582		376		
14	21.186	7.062		4689		8.309	2.770		4.704	
	6.663		192			3618		194		
	6.471		192			3.424		191		+ 32.237
	6.279		384			3.233		385		- 21.356
15	19.413	6.471		5.073		10.275	3.425		5.089	+ 10.881
	7.203		186			5.583		200		
	7.017		185			5.383		198		B.M. 11-15 (AZUSA E-8 1938)
	6.832		371			5.185		398		HUNTINGTON DR. & HIGHLAND AVE
16	21.052	7.017		5.444		16.151	5.384		5.488	SEE F.B. 1376-17 FOR DESC.
		32.237					21.356			
										SUMMATION OF RUN
						DIFF. IN ELEVATION		B.M. 11-18	TO B.M. 11-17	-23.164
						" "		" 11-17	" " 11-16	0.136
						" "		" 11-16	" " 11-15	+10.881

F.B. 2403 P.G. 254

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 1:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NE
Job No. 0301.02
From B.M. 11-14 To B.M. 11-14 A
Date 8-31-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	5.603		077		#11	6.268		070		B.M. 11-14
	5.526		078			6.198		071		HUNTINGTON DR. & BUENA VISTA ST.
	5.448		155			6.127		141		SEE F.B. 1376-16 FOR DESC.
1	16.577	5.526		155	75°	18.593	6.198		141	
										B.M. 11-14 A
										BUENA VISTA ST. & HUNTINGTON DR.
	6.302		0 X74			5.628		0 X74		
	6.228		0 X73			5.554		0 X75		
	6.155		347			5.479		349		
1	18.685	6.228	1	347		16.661	5.554	1	349	B.M. 11-14
				1					1	
										SUMMATION OF RUN
										+ 5.526
										- 6.198
								DIFF		B.M. 11-14 TO 11-14A - 0.672
										+ 6.228
										- 5.554
								DIFF		B.M. 11-14A TO 11-14 + 0.674
										MEAN DIFF. B.M. 11-14 TO 11-14A - 0.673

F.B. 2403 P.G. 255

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party ..... Weather ..... Inst. No. .....
Notes by ..... Time ..... Rod No. .....

Name L. A. CO. PRECISE LEVEL NET
Job No. .....
From ..... To .....
Date .....
Indexed .....

Number of Station	BACKSIGHT				B. S. Rod and Temp.	FORESIGHT				DESCRIPTION AND REMARKS
	Thread Readings	Mean	Thread Intervals	Sum of Intervals		Thread Readings	Mean	Thread Intervals	Sum of Intervals	

F.B. 2403 PG 256

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L. A. CO PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-14 To B.M. 11-15
Date 9-7-56
Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.565		074		#11	6.235		074		B.M. 11-14
	5.491		075			6.161		073		HUNTINGTON DR. & BUENA VISTA AVE.
	5.416		149			6.088		147		SEE F.B. 1376-16 FOR DESC.
1	16.472	5.491		149	80°	18.484	6.161		147	+5.491 -6.161 -0.670
										B.M. 11-14A
										HUNTINGTON DR & BUENA VISTA AVE
										SEE F.B. FOR DESC.
	3.903		186			5.107		190		
	3.717		186			4.917		188		
	3.531		372			4.729		378		⊼ J. MOODY
2	11.151	3.717		.521		14.753	4.918		.525	
	2.925		190			5.091		196		
	2.735		187			4.895		194		
	2.548		377			4.701		390		
3	8.208	2.736		.898		14.687	4.896		.915	
	4.413		196			4.131		192		
	4.217		195			3.939		188		
	4.022		391			3.751		380		
4	12.652	4.217		1.289		11.821	3.940		1.295	
		10.670					13.754			

F.B. 2403 P.G. 257

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G. E. DREIER Time 9:00 TO 10:20 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-14 To B.M. 11-15
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5.992	10.670	210	1.289		4.072	13.[illegible]54	213	1.295	
	5.782		210			3.859		211		
	5.572		420			3.648		424		
5	17.346	5.782		1.709		11.579	3.[illegible]60		1.719	
	7.584		182			2.871		178		
	7.402		183			2.693		174		
	7.219		365			2.519		352		
6	22.205	7.402		2.074		8.083	[illegible]94		2.071	
	7.247		199			3.625		192		
	7.048		195			3.433		190		
	6.853		394			3.243		382		
7	21.148	7.049		2.468		10.301	3.434		2.453	
	7.399		197			3.039		202		
	7.202		195			2.837		200		
	7.007		392			2.637		402		
8	21.608	7.203		2.860		8.513	2.[illegible]38		2.855	
	7.739		2~~1~~91			2.971		179		
	7.443		190			2.792		180		
	7.258		~~3~~81			2.612		359		
9	22.445	7.4~~48~~ 82	4	3.~~2~~41 3		8.375	2.[illegible]92		3.214	
		45.5~~54~~ 88					29.[illegible]72			

F.B. 2403 P.G. 258

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 9:00 TO 10:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-14 To B.M. 11-15
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.151	45.5~~54~~ 88	209	3.~~2~~41 3		3.603	29.372	215	3.214	+23.758
	5.942		205			3.388		214		+ 0.209
	5.737		414			3.174		429		+23.967
10	17.830	5.943		3.~~6~~55		10.165	3.388		3.643	- 0.670
										+23.297
	6.758		220			4.231		209		+70.736
	6.538		217			4.022		205		-46.978
	6.321		437			3.817		414		DIFF. B.M. 11-14A TO 11-15A, +23.758
11	19.617	6.539		4.~~0~~92		12.070	4.023		4.057	
	6.447		216			4.103		211		" " 11-14 TO 11-14A -0.670
	6.231		213			3.892		211		" " 11-15A TO 11-15 +0.209
	6.018		429			3.681		422		" " 11-14 TO 11-15
12	18.696	6.232		4.~~5~~21 6		11.676	3.892		4.479	
	6.618		150			6.448		146		B.M. 11-15A (R.M. NO. 1 1956, AZUSA E-8A)
	6.468		150			6.302		144		HUNTINGTON DR. & HIGHLAND AVE.
	6.318		300			6.158		290		SEE F.B. FOR DESC.
13	19.404	6.468		4.~~8~~21 9		18.908	6.303		4.769	+7.326
										-7.117
	7.344	70.7~~36~~ 70	017			7.136	46.978	020		+0.209
	7.327		019			7.116		018		B.M. 11-15 (AZUSA E-8A, 1938)
	7.308		036			7.098		038		HUNTINGTON DR. & HIGHLAND AVE
14	21.979	7.326		4.~~8~~57 9		21.350	7.117		4.807	SEE F.B. 1376-17 FOR DESC.

F.B. 2403 P.G. 259

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather LIGHT SHOWERS Inst. No. 5 0010
Notes by G. E. DREIER Time 1:30 TO 3 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-14
Date 9-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.170		018		#11	7.377		.019		B.M. 11-15 (AZUSA E-8A, 1938)
	7.152		019			7.358		016		HUNTINGTON DR & HIGHLAND AVE.
	7.133		037			7.342		035		SEE F.B. 1376-17 FOR DESC.
1	21.455	7.152		.037	100°	22.077	7.359		035	+7.152
										-7.359
										-0.207
										B.M. 11-15A (R.M. NO. 1, 1956 AZUSA E-8A)
										HUNTINGTON DR & HIGHLAND AVE
	6.184		147			6.348		147		
	6.037		148			6.201		149		
	5.889		295			6.052		296		
2	18.110	6.037		.332		18.601	6.200		.331	
	4.048		213			6.387		215		
	3.835		213			6.172		213		
	3.622		426			5.959		428		
3	11.505	3.835		.758		18.518	6.173		.759	
	4.098		206			6.622		217		
	3.892		208			6.405		217		
	3.684		414			6.188		434		
4	11.674	3.891		1.172		19.215	6.405		1.193	
		13.763					18.778			

F.B. 2403 P.G. 26

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G.E.DREIER Time 1:30 TO 2:45 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-14
Date 9-11-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3.493	3.763	215	1.192		6.034	8.278	206	1.183	
	3.278		215			5.828		209		
	3.063		430			5.619		415		
5	9.834	3.278		1.682		17.481	5.827		1.588	
	2.931		181			7.597		193		
	2.750		179			7.404		189		
	2.571		360			7.215		382		
6	8.252	2.751		1.982		22.216	7.405		1.980	
	2.191		203			6.547		198		
	1.988		202			6.349		197		
	1.786		405			6.152		395		
7	5.965	1.988		2.387		19.048	6.349		2.385	
	3.655		191			7.278		196		
	3.464		193			7.082		194		
	3.271		384			6.888		390		
8	10.390	3.463		2.771		21.248	7.083		2.775	
	2.781		178			7.497		185		
	2.603		174			7.312		181		
	2.429		352			7.131		366		
9	7.813	2.604		3.123		21.940	7.313		3.121	
	27.847					52.755				

F.B. 2403 P.G. 261

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 1:30 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-14
Date 9-11-56
Indexed A. C. JOHNSON

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	4.249	27.847	211	3.173		6.165	27.755	207	3.171	
	4.038		210			5.958		206		
	3.828		421			5.752		413		
10	12.115	4.038		3.584		17.875	5.958		3.584	
	4.521		190			4.803		196		
	4.331		188			4.607		192		
	4.143		378			4.415		388		
11	12.995	4.332		3.982		13.825	4.608		3.982	
	5.711		194			3.548		190		+ 47.736
	5.517		190			3.358		189		- 71.477
	5.327		384			3.169		379		- 23.741
12	16.555	5.518		4.386		10.075	3.358		4.381	
	6.192		192			4.988		190		B.M. 11-14A
	6.000		189			4.798		190		HUNTINGTON DR. & BUENA VISTA ST.
	5.811		381			4.608		380		
13	18.003	6.001		4.687		14.394	4.798		4.681	
	6.323	47.736	072			5.657	71.477	076		+ 6.251
	6.251		073			5.581		076		- 5.581
	6.178		145			5.505		152		+ 0.670
14	18.752	6.251		4.882		16.743	5.581		4.883	B.M. 11-14 HUNTINGTON DR. & BUENA VISTA ST. SEE F.B. 1376-16 FOR DESC.

F.B. 2403 P.G. 262

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:10 TO 2:20 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-15B & 11-15A
Date 8-31-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.302		066			5.218		070		B.M. 11-15 (AZUSA E-8A, 1938)
	8.236		065			5.148		069		HUNTINGTON DR. & HIGHLAND AVE.
	8.171		131			5.079		139		SEE F.B. 1376-17 FOR DESC
1	24.709	8.236		131		15.445	5.148		139	
	5.298		072			8.591		067		B.M. 11-15B (AZUSA E-8A R.M. 2 1956)
	5.226		072			8.524		066		HUNTINGTON DR. & HIGHLAND AVE
	5.154		144			8.458		133		
2	15.678	5.226		275		25.573	8.524		272	
	7.273		018			7.065		020		B.M. 11-15A (AZUSA E-8A R.M. No. 1 1956)
	7.255		018			7.045		020		
	7.237		036			7.025		040		
3	21.765	7.255		.311		21.135	7.045		.312	
		20.717					20.717			B.M. 11-15 (AZUSA E-8A 1938)
						DIFF IN ELEV. B.M. 11-15 TO 11-15B				+ 3.088
						" " " " 11-15B TO 11-15A				- 3.298
						" " " " 11-15A TO 11-15				+ 0.210

F.B. 2403 P.G. 263

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 7:25 TO 2:35 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15 To B.M. 11-15A & 11-15B
Date 8-31-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7136		019		#11	7.346		018		B.M. 11-15 (AZUSA E-8A, 1938)
	7.117		019			7.328		017		HUNTINGTON DR. & HIGHLAND AVE.
	7.098		038			7.311		035		SEE F.B. 1376-17 FOR DESC
1	21.351	7.117		.038		21.985	7.328		.035	
	8.622		069			5324		070		B.M. 11-15A (AZUSA E-8A R.M. No. 1 1956)
	8.553		068			5.254		069		
	8.485		137			5.185		139		
2	25.660	8.553		.175		15.763	5.254		.174	
	5.282		067			8.371		069		B.M. 11-15B AZUSA E-8A R.M. No. 2 1956
	5.215		067			8.302		067		
	5.148		134			8.235		136		
3	15.645	5.215		.309		24.908	8.303		.310	
		20.885					20.885			B.M. 11-15 (AZUSA E-8A 1938)
						DIFF. ELEV. B.M. 11-15 TO B.M. 11-15A				- 0.211
						" " " 11-15A TO 11-15B				+ 3.299
						" " " 11-15B TO 11-15				- 3.088

F.B. 2403 P.G. 264

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G.E. DREIER Time 1:00 TO 2:15 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 030102
From B.M. 11-14A To B.M. 11-15A
Date 2-21-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6.131		20 ~~192~~		#11	8.234		196		B.M. 11-14A
	5.929		189			8.038		194		HUNTINGTON DR. & BUENA VISTA ST.
	5.730		~~381~~ 40	401 ~~381~~		7.844		390		SEE F.B. 1376-116K FOR DESC.
1	17.790	5.930				24.116	8.039		.390	
	4.791		192			6.233		192		⊼ J. MOODY
	4.599		190			6.041		189		
	4.409		382	8 ~~.763~~		5.852		381		
2	13.799	4.600				18.126	6.042		.771	
	5.917		190			5.577		193		
	5.727		190			5.384		190		
	5.537		380	6 ~~1.143~~		5.194		383		
3	17.181	5.727				16.155	5.385		1.154	
	6.216		188			4.553		196		
	6.028		186			4.357		193		
	5.842		374	3 ~~1.557~~		4.164		389		
4	18.086	6.029				13.074	4.358		1.543	
	7.787		192			3.133		191		
	7.595		191			2.942		190		
	7.404		383	~~1.920~~		2.752		381		
5	22.786	7.595				8.827	2.942		1.924	
	29.881					26.766				

F.B. 2463 P.G. 265

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVER Inst. No. 50610
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-14A To B.M. 11-15A
Date 2-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7.541	29.881	189	1.900		3.719	26.956	192	1.924	
	7.352		190			3.527		191		
	7.162		379			3.336		383		
6	22.055	7.352		2.279		10.582	3.527		2.307	
	7.537		190			3.408		194		
	7.347		190			3.214		191		
	7.157		380			3.023		385		
7	22.041	7.347		2.679		9.645	3.215		2.692	
	7.776		191			3.655		191		
	7.585		189			3.464		190		
	7.396		380			3.274		381		
8	22.757	7.586		3.095		10.393	3.464		3.073	
	8.533		196			4.926		189		
	8.337		199			4.737		187		
	8.138		395			4.550		376		
9	25.008	8.336		3.411		14.213	4.738		3.449	
	6.877		195			4.436		189		
	6.682		192			4.247		189		
	6.490		387			4.058		378		
10	20.049	6.683		3.821		12.741	4.247		3.827	
		67.185					45.957			

F.B. 2403 P.G. 266

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather THIN OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 1:00 TO 2:15 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-14A To B.M. 11-15A
Date 2-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6782	67.185	190	3.871		4495	45.957	189	3.827	
	6.592		192			4.306		192		
	6.400		382			4.114		381		
11	19.774	6.591		4.253		12.915	4.305		4.208	
	6.597		191			4.966		191		
	6.406		190			4.775		191		
	6.216		381	604		4.584		382		
12	19.219	6.406		~~4.584~~		14.325	4.775		4.590	
	6146		027			7.564		034		B.M. 11-15A (R.M.#1 AZUSA E-8A 956)
	6.119		025			7.530		034		HUNTINGTON DR. & HIGHLAND AVE.
	6.094		052			7.496		068		SEE F.B. 1376-116J FOR DESC.
13	18.359	6.120		4.636		22.590	7.530		4.658	
										SUMMATION OF RUN
										B.M. 11-14A TO B.M. 11-15A
										TOTAL BACKSIGHTS +86.302
										TOTAL FORESIGHTS - 62.567
										DIFF IN ELEVATION +23.735
	86302					62.567				

F.B. 2403 PG. 267

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER
Notes by G. E. DREIER
Weather THIN OVER
Time 2:30 TO
Inst. No. 50010
Rod No. 11 & 12

Name L. A. CO. [illegible] NE
Job No. 0301.02
From B.M. 11-15A To B.M. 11-14A
Date 2-21-57
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.521		227		#11	6.731		215		B.M. 11-15A (R.M. #1, AZUSA E-8A 1956
	6.294		225			6.516		214		HUNTINGTON DR. & HIGHLAND AVE.
	6.069		452			6.302		429		SEE F.B. 1376-116 J FOR DESC.
1	18.884	6.295		452		19.549	6.516		429	
	4.582		188			6.877		194		
	4.394		187			6.683		195		T. J. MOODY
	4.207		375			6.488		389		
2	13.183	4.394		.827		20.048	6.683		.818	
	4.429		192			6.864		194		
	4.237		189			6.673		192		
	4.048		381			6.481		386		
3	12.714	4.238		1.208		20.018	6.673		1.208	
	4.307		192			7.908		192		
	4.115		188			7.716		194		
	3.927		380			7.522		386		
4	12.349	4.116		1.588		23.146	7.715		1.588	
	3.606		193			7.725		190		
	3.413		191			7.535		188		
	3.222		384			7.347		378		
5	10.241	3.414		1.972		22.607	[illegible]		1.966	
	22457					38[illegible]23				

F.B. 2403 P.G. 268

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: Weather: THIN OVERCAST Inst. No. 50010
Notes by: G. E. DREIER Time: 2:30 TO 3:25 Rod No. 11 & 12

Name: L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From: B.M. 11-15A To: B.M. 11-14A
Date: 2-21-57
Indexed: C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3331	22.457	193	1.972		7.461	35.123	190	1.964	
	3.138		189			7.271		192		
	2.949		382			7.079		382		
6	9.418	3.139		2.354		21.811	7.270		2.348	
	3699		189			7.519		188		
	3.510		191			7.331		189		
	3.319		380			7.142		377		
7	10.528	3.509		2.734		21.992	7.331		2.728	
	3.050		192			7.702		191		
	2.858		190			7.511		190		
	2.668		382			7.321		381		
8	8.576	2.859		3.116		22.534	7.511		3.104	
	4.473		197			6.132		186		
	4.276		197			5.946		188		
	4.079		394			5.758		374		
9	12.828	4.276		3.510		17.836	5.945		3.478	
	5.301		186			5.651		195		
	5.115		184			5.456		195		
	4.931		370			5.261		390		
10	15.347	5.116		3.880		16.368	5.456		3.868	
	41.356					68.636				

F.B. 2403 P.G. 269

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather OVERCAST Inst. No. 50010
Notes by G. E. DREIER Time 2:30 TO 3:25 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From B.M. 11-15A To B.M. 11-14A
Date 2-21-57
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	6.197	41.356	192	3.880		4.754	6.036	191	3.868	
	6.005		189			4.563		189		
	5.816		381			4.374		380		
11	18.018	6.006		4.261		13.691	4.564		4.248	
	8.235		192			6.138		203		
	8.043		191			5.935		203		B.M. 11-14A
	7.852		383			5.732		406		HUNTINGTON DR. & BUENA VISTA ST
12	24.130	8.043		4.644		17.805	5.935		4.655	SEE F.B. 1376-116K FOR DESC.
										15A ? 14A ?
										SUMMATION of RUN
										BM 11-15A to BM 11-14A
										total BACKSIGHTS + 55.405
										total FORESIGHTS - 79.135
										DIFF IN ELEV. - 23.730
		55.405					79.135			

F.B. 2403 P.G. 270

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 10:25 TO 11:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-15 To B.M. 11-17
Date 9-7-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	8.413		064		#11	5.328		069		B.M. 11-15 (AZUSA E-8A 1938)
	8.349		065			5.259		067		HUNTINGTON DR. & HIGHLAND AVE
	8.284		129			5.192		136		SEE F.B. 1376-17 FOR DESC.
1	25.046	8.349		.129	86°	15.779	5.260		136	
										B.M. 11-15B. R.M. NO. 2
										HUNTINGTON DR. & HIGHLAND AVE
										SEE F.B. FOR DESC.
	3.694		141			7.606		150		
	3.553		139			7.456		147		
	3.414		280			7.309		297		
2	10.661	3.554		.409		22.371	7.457		.433	
	3.791		216			8.455		211		
	3.575		216			8.244		213		
	3.359		432			8.031		424		
3	10.725	3.575		.84		24.730	8.243		.857	
	4.418		200			7.848		203		
	4.218		199			7.645		203		
	4.019		399			7.442		406		
4	26.654	4.215		1.240		22.935	7.645		1.263	
	11.347					23.345				

F.B. 2403 P.G. 271

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party: G. E. DREIER Weather: HAZY SUN Inst. No: 50010
Notes by: G.E.DREIER Time: 10:25 TO 11:12 Rod No: 11812

Name: L. A. CO. PRECISE LEVEL NET
Job No: 030102
From: B.M. 11-15 To: B.M. 11-17
Date: 9-7-56
Indexed: A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	4.802	11.344	203	1.240		5.312	22.345	200	1.263	
	4.599		200			5.112		200		
	4.399		403			4.912		400		
5	13.800	4.600		1.643		15.336	5.112		1.663	
	4.837		157			6.293		155		+20.625
	4.680		153			6.138		156		-34.595
	4.527		310			5.982		311		-13.970
6	14.044	4.681		1.953		18.413	6.138		1.974	
		20.625					34.595			B.M. 11-16 (U.S. 2616, L-96 1931) HUNTINGTON DR. E. OF SANTO DOMINGO DR. SEE F.B. 1376-18 FOR DESC.
	6.341		113			5.019		113		
	6.228		113			4.906		113		
	6.115		226			4.793		226		
7	18.684	6.228		2.179		14.718	4.906		2.200	
	5.828		075			7.033		065		+11.981
	5.753		075			6.968		065		-11.874
	5.678		150			6.903		130		+0.107
8	17.259	5.753		2.329		20.904	6.968		2.330	
		11.981					11.874			

F.B. 2403 P.G. 272

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY SUN Inst. No 50010
Notes by G.E. DREIER Time 10:25 TO 11:10 Rod No 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-15 To B.M. 11-17
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				2.329					2.330	B.M. 11-17 A (R.M. NO. 1 1956, AZUSA E-8B) SEE F.B. 1376-116L FOR DESC. HUNTINGTON DR. & HOUSE 2005
	6.378		034			6.351		033		+6.345
	6.344		032			6.318		032		-6.318
	6.312		066			6.286		065		+0.027
9	19.034	6.345		2.395		18.955	6.318		2.395	B.M. 11-17 (AZUSA E-8B 1938 HUNTINGTON DR. & HOUSE # 2005 SEE F.B. 1376-19 FOR DESC
										SUMMATION OF RUN
										DIFF. IN ELEV. B.M. 11-15 TO 11-15A B +3.089
										11-15A TO 11-16 -7.113
										11-16 TO 11-17A +0.107 ✓
										11-17A TO 11-17 +0.027 ✓

F.B. 2403 P.G. 273

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:30 Rod No. 11 & 12

Name L.A. CO PRECISE LEVEL NET
Job No. 50010
From B.M. 11-17 To B.M. 11-15
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	7.003		033		#12	7.038		035		B.M. 11-17 (AUSUA E-8B 1938)
	6.970		032			6.998		034		HUNTINGTON DR. & HOUSE # 2005
	6.938		065			6.964		069		SEE F.B. 1376-19 FOR DESC.
1	20.911	6.970		.065		20.995	6.998		.069	
								6.970 - 6.998 = 0.028		B.M. 11-17A (R.M. NO. 1 1956 AZUSA E-8B)
										HUNTINGTON DR. & HO # 2005
										SEE F.B. 1376-116L FOR DESC.
	7.102		070			5.886		071		
	7.032		069			5.815		070		
	6.963		139			5.745		142		
2	21.097	7.032		.204		17.446	5.815		1.21	
	5.069		110			6.398		116		+11.992
	4.959		108			6.282		114		-12.098
	4.851		218			6.168		230		- 0.106
3	14.879	4.960		.422		18.848	6.283		.44	
		11.992 -					12.098 -			B.M. 11-16 (U.S. 2616 F-96, 1931)
										HUNTINGTON DR. E. OF SANTO DOMINGO DR.
										SEE F.B. 1376-18 FOR DESC.

F.B. 2403 P.G. 274

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZY SUN Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No 0301.02
From B.M. 11-17 To B.M. 11-15
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6355		156	.422		4894		155	.44Y	
	6.199		154			4.739		154		
	6.045		310			4585		309		
4	18.599	6.200		.732		14.218	4.739		.750	
	5.333		204			4819		201		
	5.129		201			4.618		199		
	4.928		405			4.419		400		
5	15.390	5.130		1.137		13.856	4.619		1.150	
	7.982		205			4.549		198		
	7.777		203			4.351		199		
	7.574		408			4.152		397		
6	23.333	7.778		1.545		13.052	4.351		1.546	
	8.447		213			3.779		217		
	8.234		212			3.562		213		
	8.022		425			3.349		430		
7	24.703	8.234		1.970		10.690	3.563		1.976	
	7.717		149			3.802		139		
	7.568		147			3.663		136		
	7.421		296			3.527		275		
8	22.706	7.569		2.266		10.992	3.664		2.258	
	34.911					20.936				

+34.911
- 20.936
+13.977

F.B. 2403 P.G. 275

76P526 S & E #379 1-54

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZY Inst. No. 50010
Notes by G. E. DREIER Time 2:50 TO 3:30 Rod No. 11 & 12

Name **L. A. CO. PRECISE LEVEL NET**
Job No. 0301.02
From B.M. 11-17 To B.M. 11-15
Date 9-7-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
				2.266					2.257	B.M. 11-15 B (R.M. No. 2, 1956 AUSA E-8A) HUNTINGTON DR. & HIGHLAND AVE. SEE F.B. 1376-116 J FOR DESC.
	5.347		071			8.433		065		-5.277
	5.276		069			8.368		065		-8.368
	5.207		140			8.303		133		-3.091
9	15.830	5.277		2.406		25.104	8.368		0.238	B.M. 11-15 AZUSA E-8, 1938) HUNTINGTON DR. & HIGHLAND AVE. SEE F.B. 1376-17 FOR DESC.

F.B. 2403 P.G. 276

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 11.30 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No.
From B.M. 11-17 To B.M. 11-18
Date 9-7-56
Indexed L. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	7067		014		#11	6685		018		BM. 11-17 (AZUSA E-8B, 1938)
	7053		016			6667		018		HUNTINGTON DR. & HOUSE #2005
	7037		030			6649		036		SEE F.B. 1376-19 FOR DESC.
1	21157	7.052		.030	88	20001	6.667		.036	+7.052 -6.667 +0.385
	6658		084			5033		095		
	6574		084			4938		092		B.M. 11-17B (R.M. NO 2, 1956 AZUSA E-8B)
	6490		168			4846		187		HUNTINGTON DR. & HOUSE NO. 2005
2	19722	6.574		.198		14817	4.939		.223	SEE F.B. 1376-116 FOR DESC.
	6133		179			4167		193		
	5954		178			3974		191		⊼ G. E. DREIER
	5776		357			3783		384		
3	17863	5.954		.555		11924	3.975		.607	
	8023		202			5060		183		
	7821		199			4877		180		
	7622		401			4697		363		
4	23466	7.822		.956		14634	4.878		.970	
	6719		151			4284		162		
	6568		151			4122		162		
	6417		302			3960		324		
5	19704	6.568		1.258		12366	4.122		1.294	
	26.918 –					17.914 –				

F.B. 2463 P.G. 277

76P526 S & E #379 1-54

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Chief of Party G. E. DREIER Weather HAZE Inst. No. 50010
Notes by J. A. MOODY Time 11:30 to 2:00 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-17 To BM 11-18
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6539	26.918	188	1258		3950	17.914	190	1294	
	6351		185			3760		188		
	6166		373			3572		378		
6	19056	6.352		1631		11282	3.761		1672	
	6862		193			3651		189		
	6669		192			3462		189		
	6477		385			3273		378		
7	20008	6.669		2016		10386	3.462		2050	
	7237		195			3804		186		
	7042		191			3618		188		
	6851		386			3430		374		
8	21130	7.043		2402		10852	3.617		2424	
	6997		200			3449		188		
	6797		199			3261		187		
	6598		399			3074		375		
9	20392	6.797		2801		9784	3.261		2799	
	6829		179			6057		146		+60.429
	6650		178			5911		143		-37.927
	6472		357			5768		289		+22.502
10	19951	6.650		3188		17736	5.912		3088	
		60.429					37.927			

F.B. 2403 P.G. 278

76P526 S & E #379 1-54

PLEASE RETURN TO
LOS ANGELES COUNTY SURVEYOR
726 LOS ANGELES COUNTY
ENGINEERING BLDG.

ANY ADDITIONS OR CHANGES ON THIS SHEET MUST BE MADE OR CIRCLED IN RED INK, WITH DATE AND NAME OF PERSON MAKING CHANGE.

DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE SUN Inst. No. 50010
Notes by J. A. MOODY Time 11:30 to 2:10 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-17 To BM 11-18
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
				3~~168~~ 5					3~~188~~ 0	B.M. 11-18A (R.M. #1 1956 AZUSA F8) HUNTINGTON DR
										+7.017
	7038		021			6760		021		-6.739
	7017		020			6739		021		+0.278
	6997		041			6718		042		
11	21052	7.017		3~~209~~ 199		20217	6.739		3~~230~~ 1	
										B.M 11-18 (AZUSA F-8 1938)

F.B. 2403 P.G. 279

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE S Inst. No 50010
Notes by J. A. Moody Time 2:10 to 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-18 To BM 11-17
Date 9-7-56
Indexed K. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	6665		021			6944		021		BM 11-18 AZUSA F-8 1938
	6644		021			6923		021		+6.644
	6623		04x			6902		042		-6.923
1	19932	6.644		.041		20769	6.923		.042	-0.279
	-6.923									
	-0.279									BM 11-18A (RM 1 1956 AZUSA F-8)
2	5909		145			6679		177		
	5764		145			6502		174		
	5619		290			6328		351		
	17292	5.764		.331		19509	6.503		.393	
3	3419		192			6951		192		
	3227		194			6759		192		
	3033		386			6567		384		
	9679	3.226		.717		20277	6.759		.777	
4	3764		186			7192		191		
	3578		185			7001		190		
	3393		371			6811		381		
	10735	3.578		1.088		21004	7.001		1.138	
		12.568					20.263			

F.B. 2403 P.G. 280

76P526 S & E #379 1-54

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ENGINEERING BLDG.

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DO NOT EXTEND NOTES THIS SIDE OF LINE

Chief of Party G. E. DREIER Weather HAZE-SUN Inst. No. 50010
Notes by J. A. MOODY Time 2:10 to 3:30 Rod No. 11 & 12

Name L. A. CO. PRECISE LEVEL NET
Job No. 0301.02
From BM 11-18 To BM 11-17
Date 9-7-56
Indexed A. C. Johnson

Number of Station	BACKSIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	Mean	Thread Intervals	Sum of Intervals	DESCRIPTION AND REMARKS
	3642	12.568	204	1.088		6819	20.263	177	1.138 5	
	3438		205			6642		175		
	3233		409			6467		352	510	
5	10313	3.438		1.497		19.928	6.643		1.490	
	4045		191			6637		189		
	3854		187			6448		186		
	3667		378			6262		375	8	
6	11566	3.855		1.875		19.347	6.449		1.865	
	4257		165			6687		151		
	4092		163			6536		150		
	3929		328			6386		301	8	
7	12.278	4.093		3.203		19609	6.536		2.186	
	5072		192			8020		192		
	4880		191			7828		195		
	4689		383			7633		387	7	
8	14641	4.880		2.586		23481	7.827		2.573	
	4130		191			6093		181		
	3939		190			5912		179		
	3749		381			5733		360	3	
9	11.818	3.939		2.967		17.738	5.913		2.913	
		32.773					53.631			

F.B. 2403 P.G. 281

76P526 S & E #379 1-54

2403

Chief of Party [illegible] Weather HAZE S[illegible] Inst. No. 50010

Notes by J. A. Moody Time 2:10 to 3:[illegible] Rod No. 11 & 12

Name L. A. CO[illegible] NET

Job No. 0301.02

From BM 11-18 To BM 11-17

Date 9-7-56

Indexed C. Johnson

Number of Station	BACKSIGHT Thread Readings	BACKSIGHT Mean	BACKSIGHT Thread Intervals	BACKSIGHT Sum of Intervals	B. S. Rod and Temp.	FORESIGHT Thread Readings	FORESIGHT Mean	FORESIGHT Thread Intervals	FORESIGHT Sum of Intervals	DESCRIPTION AND REMARKS
	5162	32.773	089	2967		6798	53.631	088	2913	BM. 11-17B (RM #2 1956 AZUSA E-8B)
	5073		088			6710		088		HUNTINGTON DR. & HOUSE No. 2005
	4985		177			6622		176		SEE F.B. FOR DESC.
10	15220	5.073		3144		20.130	6.710		3089	
		+37.846					6.341			
		-60.341								BM. 11-17 (AZUSA E-8B, 1938)
		-22.495								SEE F.B. 1376-19 FOR DESC.
	6747		016			7.131		016		
	6731		018			7.115		016		
	6713		034			7.099		032		
11	20191	+6.730		3178		21345	7.115		3.1[illegible]1	

F.B. 2403 P.G. 282